

## North Interface List

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## North Interface List

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### Access Control

#### *Access single door control*

The Access interface provides access control for a single door from North's Extensible Object Model. Available for the Compass product ranges. See also the ZipMaster interface and Zip M7101A module.

Interface name: ACCESS

#### *Ademco Microtech Galaxy Security System*

Links an Ademco Microtech Galaxy security/access control system to North's Extensible Object Model. Available for the Commander, Compass and ObSys product ranges.

Interface name: GALAXY

#### *Cooper Menvier/Scantronic Security System*

Links a Cooper Menvier/Scantronic 8136 security control panel to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: SCAN8136

#### *Europlex Technologies Apex/Midiplex/3GS Intruder Systems*

Links a Europlex Technologies Apex, Midiplex or 3GS intruder system to the North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: EUROPLEX

#### *Fermax Digital Entry Phone System*

Links the Fermax Digital entry phone system to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: FERMAX

#### *Fermax MDS Door Entry System*

Links the Fermax MDS door entry system to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: FERMXMDS

#### *North XOM Shared Token Database*

Provides security information on up to 2000 users to other object software via North's Extensible Object Model. Available for the Compass, Commander and ObSys product ranges.

Interface name: TOKENMAX

#### *North XOM User Locator Database*

Provides security and location information on up to 2000 users to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: LOCATOR

#### *PAC International 2100 series door controller*

Links the PAC International 2100 series door controller to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: PAC2100

### Actuator Systems

#### *Andover Controls Infinity/Continuum Systems*

Links Andover Controls building management systems, or Thorn Security Infinity bms to North's Extensible Object Model. Available for the Compass, Commander and ObSys product ranges.

Interface name: ANDCLI

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### ***Andover Controls Nucleus/AC8+/AC256***

Links an Andover Controls AC8+ or an Andover Nucleus AC256 system to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: ANDAC8

### ***Belimo Automation MP-Bus Actuators***

Links a MP-Network of up to 8 Belimo MFT damper actuators, via a Belimo ZIP-RS232 module, to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: BELIMO

### ***Cylon Controls Unitron Range***

Links Cylon Controls Unitron range to North's Extensible Object Model. Available for the Compass, Commander and ObSys product ranges.

Interface name: CYLON

### ***Thorn Security Infinity BMS***

Links Andover Controls building management systems, or Thorn Security Infinity bms to North's Extensible Object Model. Available for the Compass, Commander and ObSys product ranges.

Interface name: ANDCLI

### ***Titus ASIC VAV control system***

Links ASI Controls range of VAV controls, supporting the ASIC/1 protocol, to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: ASIC

### ***Titus ZCom VAV zone control***

Links to a Titus ZCom/Zeon variable air volume (VAV) diffuser to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: TITUS

## **Air Conditioning Systems**

### ***Aertesi MaxiNet BMS***

Links MaxiNet compatible thermostat networks to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: MAXINET

### ***Alerton LSI BMS***

Links to the BACnet open protocol; an American national standard, a European pre-standard, and an ISO global standard. Available for the Compass, ObSys and Commander product ranges.

Interface name: BACNET

### ***Canatal International Precision Air Conditioning system***

Links systems supporting the Canatal implementation of the Satchwell Satchnet protocol, to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: SATCHSNP

### ***Carel air-conditioning and refrigeration controllers***

Links the range of Carel air-conditioning and refrigeration controllers (including pCO<sub>2</sub>, pCO and uAC) to North's eXtensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: CAREL

### ***Carrier CCN DataPort I Systems***

Links the Carrier Comfort Network DataPort I Module to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: CCNDP1

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### ***Carrier CCN DataPort II Systems***

Links a network of Carrier Comfort Network DataPort II controllers to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: CCNDP2

### ***Daikin DBACS Air Conditioning***

Links slave devices supporting the JBus or ModBus open protocol to the North Extensible Object Model. Available for the Commander, Compass and ObSys product ranges.

Interface name: JBUS

### ***Daikin VRV Controls***

Links a LonWorks network, via an Echelon Serial LonTalk Adapter (SLTA-10), to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: LONSLTA

### ***Danfoss Refrigeration controls***

Links a network of Danfoss water chiller controllers to North's Extensible Object Model. Available for the Compass product range.

Interface name: DANBUSS

### ***Denco Millennium Access Module***

Links a network of Denco Millennium controllers to North's Extensible Object Model, via the Millennium Access Module (MAM). Available for the Compass and ObSys product ranges.

Interface name: DENCOMAM

### ***Denco Monitrol system***

Links the Denco Monitrol system to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: DENCO

### ***Denco Monitrol system via a CIU***

Links the Denco Monitrol system to North's Extensible Object Model via a CIU. Available for the Compass and ObSys product ranges.

Interface name: DENCOCIU

### ***Dunham Bush Chiller controls***

Links a Dunham Bush NC25-4 controller to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: DBUSH

### ***Hitachi CS-Net Air Conditioning***

Links the Hitachi CS-Net Air Conditioning software to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: HTACHICS

### ***Landis & Staefa/Siemens AS1000 BMS***

Links Siemens Landis & Staefa Integral AS1000 building management system via the NICO product to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: STFANICO

### ***Landis & Staefa/Siemens Pronto BMS***

Links Siemens Landis & Staefa Control System Pronto building management system via the WSE1 or WSE10 product to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: STFAWSE

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### ***Liebert ECA2 Environmental Communications Adapter***

Links a Liebert ECA2 level 0 and level 10 controller to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: LBRTECA2

### ***Liebert Hiross Air Conditioning***

Links a Liebert Hiross High Performance Air Conditioning (HPAC) system, via a Hirolink, to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: HIROSS

### ***Luxmate building management system***

Links the Luxmate lighting, heating and natural ventilation range of products to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: LUXMATE

### ***McQuay International's Chiller System Controller (CSC)***

Links the McQuay International's Chiller System Controller (CSC) to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: MCQYSC

### ***McQuay International's Frame 4 Chillers***

Links McQuay International's Frame 4 chillers, fitted with Carel controllers, to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: MCQUAYF4

### ***McQuay International's range of Air-Cooled (Stargate) Screw Chillers***

Links the McQuay International's range of Air-Cooled (previously known as Stargate) Screw Chillers to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: MCQYSTAR

### ***McQuay International's range of Centrifugal Chillers***

Links the McQuay International's range of Centrifugal Chillers, with MicroTech controllers, to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: MCQYCC

### ***McQuay International's range of Reciprocating Chillers***

Links the McQuay International's range of Reciprocating Chillers to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: MCQYRC

### ***McQuay International's range of Roof-Top Units***

Links the McQuay International's range of Roof-Top Units to North's Extensible Model. Available for the Compass and ObSys product ranges.

Interface name: MCQYRTU

### ***McQuay International's range of Unit Ventilator***

Links the McQuay International's range of Unit Ventilator to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: MCQYVENT

### ***McQuay International's Self-Contained Air Conditioning Units***

Links McQuay International's Self-Contained Air Conditioning Units to North's Extensible Model. Available for the Compass and ObSys product ranges.

Interface name: MCQYSCU

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### ***McQuay International's Series 200 Flooded Screw Chiller***

Links McQuay International's Series 200 Flooded Screw Chiller to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: MCQYPES

### ***McQuay International's Water Source Heat Pump***

Links the McQuay International's Water Source Heat Pump to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: MCQYWSHP

### ***Meitav MaxiNet thermostat network***

Links MaxiNet compatible thermostat networks to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: MAXINET

### ***Mitsubishi Electric City Multi air conditioning system (via IFU-100SA)***

Links to Mitsubishi Electric City Multi air conditioning system, via an interface unit. Available for the Compass and ObSys product ranges.

Interface name: MITSCITY

### ***Mitsubishi Electric City Multi air conditioning system (via IPxxM)***

Links a Mitsubishi Electric City Multi or Mr Slim air conditioning system, via a Procon IPxxM interface unit, to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: MITSUBISHIIP

### ***Mitsubishi Electric Mr Slim air conditioning system (via IPxxM)***

Links a Mitsubishi Electric City Multi or Mr Slim air conditioning system, via a Procon IPxxM interface unit, to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: MITSUBISHIIP

### ***Rhoss Fan Coil Units***

Links Rhoss air conditioning fan coil units, communicating via the EWTK-net protocol, to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: RHOSS

### ***Sanyo AMY air conditioning system***

Links the Sanyo AMY air conditioning system to North Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: SANYO

### ***Satchwell Satchnet protocol***

Links systems supporting the Canatal implementation of the Satchwell Satchnet protocol, to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: SATCHSNP

### ***Siebe I/A MicroNet VAV Controls***

Links a LonWorks network, via an Echelon Serial LonTalk Adapter (SLTA-10), to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: LONSLTA

### ***Stulz CompTrol Air Conditioning via MIB***

Links slave devices supporting the JBus or ModBus open protocol to the North Extensible Object Model. Available for the Commander, Compass and ObSys product ranges.

Interface name: JBUS

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### ***Systems Controls & Instruments (SCI) MaxiNet thermostat network***

Links MaxiNet compatible thermostat networks to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: MAXINET

### ***Tek-Air MPC-2000 Gateway***

Links the Tek-Air Systems MPC-2000 gateway to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: TEKAIR

### ***Trane GCI chiller controls***

Links slave devices supporting the JBus or ModBus open protocol to the North Extensible Object Model. Available for the Commander, Compass and ObSys product ranges.

Interface name: JBUS

### ***Trane Tracer Summit controls***

Links to the BACnet open protocol; an American national standard, a European pre-standard, and an ISO global standard. Available for the Compass, ObSys and Commander product ranges.

Interface name: BACNET

### ***Uniflair Air-conditioning controllers***

Links the range of Carel air-conditioning and refrigeration controllers (including pCO<sub>2</sub>, pCO and uAC) to North's eXtensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: CAREL

### ***WattMaster Controls Auto-Zone system***

Links the WattMaster Controls Auto-Zone range of hvac and air conditioning controllers to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: WATTMSTR

## **Alarm Monitoring Systems**

### ***Adam Systems Alarm Receiver System***

Links the Adam Communication Systems International alarm receiver system to North's Extensible Object Model.

Interface name: ADAMALM

### ***European Selective Paging Association (ESPA) 4.4.4 protocol***

Links paging equipment that supports the ESPA 4.4.4 protocol to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: ESPA444

### ***Multitone Access 3000 paging system***

Links the Multitone Access 3000 paging system to North's Extensible Object Model.

Interface name: MULTITONE

### ***North XOM Alarm Archive***

Archive alarm messages from the North Extensible Object Model (XOM) to a standard CSV format file. Available for the ObSys product range.

Interface name: ALMFILE

### ***North XOM Alarm Dispatch***

Connects to North's Extensible Object Model (XOM), and holds a buffer of alarms with additional security module. Available for the Compass and ObSys product ranges.

Interface name: ALARMDISPATCH

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### ***North XOM Alarm Email/SMTP Gateway***

Send alarm messages from the North Extensible Object Model (XOM) to an SMTP server as an email. Available for the Commander and ObSys product ranges.

Interface name: ALMEMAIL

### ***North XOM Alarm Generator***

Connects to North's Extensible Object Model (XOM), and monitors up to 500 object values and generates alarms when exceptions occur with the value. Available for the Compass and ObSys product ranges.

Interface name: ALARMGEN

### ***North XOM Alarm History***

Connects to North's Extensible Object Model (XOM), and holds a list of alarms events. Available for the Commander and ObSys product ranges.

Interface name: ALARMHISTORY

### ***North XOM Alarm Printer***

Links any Windows page based printer to North's Extensible Object Model (XOM). Available for the ObSys product range.

Interface name: ALMPRINT

### ***North XOM Alarm Printer (serial)***

Links any RS232 printer to North's Extensible Object Model (XOM). Available for the Compass and ObSys product ranges.

Interface name: PRINTER

### ***North XOM Alarm Priority Translator***

Connects to North's Extensible Object Model (XOM), and contains a list of conditions which are used to reprioritise incoming alarm messages. Available for the ObSys product range.

Interface name: ALMPRIOR

### ***North XOM Alarm Router***

Connects to North's Extensible Object Model (XOM), and holds a buffer of alarms which can be routed to several destinations. Available for the Commander, Compass and ObSys product ranges.

Interface name: ALMROUTE

### ***North XOM Alarm Store***

Connects to North's Extensible Object Model (XOM), and holds a list of alarms that require user acknowledgement. Available for the ObSys product range and works in conjunction with ObSys Alarm Manager.

Interface name: ALARMSTORE

### ***North XOM Alarm to Object***

Connects to North's Extensible Object Model (XOM), and contains a list of incoming alarm messages along with a corresponding object and value to write when received.

Interface name: ALMSET

### ***North XOM Alarm Translator***

Connects to North's Extensible Object Model (XOM), and contains a list of 1000 text translators, which are used to translate the text within in coming alarms. Available for the Compass and ObSys product ranges.

Interface name: ALMXLATE

### ***North XOM SMS Portal***

Provides a link between the North's Extensible Object Model, and the GSM Short Message Service (SMS) facilities of mobile telephones. Available for the Compass and ObSys product ranges.

Interface name: GSMSMS

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### *North XOM SNMP Trap Portal*

Connects to North's Extensible Object Model (XOM), and holds a buffer of alarms which can be routed to several destinations. Available for the Commander, Compass and ObSys product ranges.

Interface name: SNMPTRAP

### *PABX Systems with DTMF input*

Links PBX systems supporting DTMF (dual-tone multi-frequency) message input to North's Extensible Object Model. The interface acts as a phone dialler to trigger events within a compatible PBX.

Interface name: TELDIAL

### *RF Solutions Radio Modems*

Provides a link from RF Solutions FM 433 MHz Radio Modem and North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: RMMASTER AND RMSLAVE

### *Serial Alarm Messages*

Links equipment that outputs serial alarm messages, in ASCII code, to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: ALARM

### *Telocator Alphanumeric Protocol (TAP)*

Links paging services that support the Telocator Alphanumeric Protocol (TAP) to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: TAP

## Boiler-Burner Systems

### *Autoflame DTI boiler/burner controls*

Links slave devices supporting the JBus or ModBus open protocol to the North Extensible Object Model. Available for the Commander, Compass and ObSys product ranges.

Interface name: JBUS

### *Honeywell Q7700 Boiler/Burner Control system*

Links the Honeywell boiler/burner control system via a Q7700 Network Interface to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: HWELLBDI

## Building Automation Systems

### *Andover Controls Infinity/Continuum Systems*

Links Andover Controls building management systems, or Thorn Security Infinity bms to North's Extensible Object Model. Available for the Compass, Commander and ObSys product ranges.

Interface name: ANDCLI

### *Andover Controls Nucleus/AC8+/AC256*

Links an Andover Controls AC8+ or an Andover Nucleus AC256 system to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: ANDAC8

### *Cylon Controls Unitron Range*

Links Cylon Controls Unitron range to North's Extensible Object Model. Available for the Compass, Commander and ObSys product ranges.

Interface name: CYLON

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### ***Innsite Hotel Services Energy Management System***

Links Innsite Hotel Services Energy Management System to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: INNSITE

### ***Landis & Staefa/Siemens AS1000 BMS***

Links Siemens Landis & Staefa Integral AS1000 building management system via the NICO product to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: STFANICO

### ***Landis & Staefa/Siemens MS2000 NCRS/NCRE System***

Links a network of Siemens Landis & Staefa MS2000 NCRS/NCRE system controllers to North's Extensible Object Model. Available for the Commander, Compass and ObSys product ranges.

Interface name: STAEFANCRS

### ***Landis & Staefa/Siemens Pronto BMS***

Links Siemens Landis & Staefa Control System Pronto building management system via the WSE1 or WSE10 product to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: STFAWSE

### ***North Compass Open Link (COL) protocol***

Links any Compass Open Link (COL) compatible system to North's Extensible Object Model. Available for the Compass product range.

Interface name: COL

### ***North XOM Calendar Timer Control***

Connects to North's Extensible Object Model (XOM), provides a calendar and up to 100 timer functions for any object connected to North's Extensible Object Model. Available for the Compass, Commander and ObSys product ranges.

Interface name: CALTIMER

### ***North XOM IPBus protocol***

Used within North's Extensible Object Model (XOM) to connect IP enabled devices. Available for the ObSys and Commander product ranges.

Interface name: IPBUS

### ***North XOM Programmable Control***

Provides configurable process control, using ObVerse, for devices connected to North's Extensible Object Model. Available for the Commander, Compass and ObSys product ranges.

Interface name: OBVENGINE

### ***North XOM Transfer Interface***

Transfers up to 1000 values from one place to another, providing a simple method of performing integration of control within North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: TRANSMAX

### ***SeaChange hvac control systems***

Links the SmartKontrols (previously SeaChange) hvac control system to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: SEACHNG

### ***SmartKontrols hvac control systems***

Links the SmartKontrols (previously SeaChange) hvac control system to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: SEACHNG

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### ***Staefa Smart I controllers***

Links Siemens Staefa Control System Smart I controllers to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: STFASMRT

### ***Thorn Security Infinity BMS***

Links Andover Controls building management systems, or Thorn Security Infinity bms to North's Extensible Object Model. Available for the Compass, Commander and ObSys product ranges.

Interface name: ANDCLI

### ***Trend Control Systems IQ Series BMS***

Links the Novar Trend Control Systems IQ building management system to North's Extensible Object Model. Available for the Commander, Compass and ObSys product ranges.

Interface name: TRENDIQ

### ***Trend Control Systems IQ Time Zone expansion module***

Connects to North's Extensible Object Model (XOM), provides an expanded 56-day calendar for up to 64 Trend IQ controller time zones. Available for the Compass and ObSys product ranges.

Interface name: TRENDZN

### ***York International ASCII Microgateway***

Links York ISN controllers, using the YorkTalk protocol, to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: YORKTALK

### ***York International ISN Controls***

Links a network of York ISN controllers, via a Universal LINC232, to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: YORKISN

### ***York International YorkTalk Controllers***

Links York ISN controllers, using the YorkTalk protocol, to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: YORKTALK

## **CCTV Systems**

### ***360 Vision Technologies' Dome and Controls CCTV system***

Links the 360 Vision Technology Ltd. VisionMatrix and VisionDome ranges of CCTV dome and controls to the North Extensible Object Model.

Interface name: 360VISION

### ***AD Network Video NetVu Video Desktop CCTV system***

Links to an AD Network Video NetVu Video Desktop cctv system to North's Extensible Object Model. Available for the ObSys product range.

Interface name: VDESKTOP

### ***Ademco/Honeywell Video Systems VideoBlox matrix switchers***

Links the Ademco Video VideoBlox matrix switcher, previously branded Betatech, to North's Extensible Object Model. Ademco Video is part of Honeywell Video Systems division. Available for the Compass and ObSys product ranges.

Interface name: BETATECH

### ***Asutsa TLVCR964 Video Cassette Recorder***

Links the Asutsa TLVCR964 Video Cassette Recorder to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: ASTS964

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### ***Baxall Security's ZMX+ Series Multiplexers***

Links the Baxall ZMX+ series duplex and triplex video multiplexers to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: BAXALL

### ***Betatech Master Series matrix switchers***

Links the Ademco Video VideoBlox matrix switcher, previously branded Betatech, to North's Extensible Object Model. Ademco Video is part of Honeywell Video Systems division. Available for the Compass and ObSys product ranges.

Interface name: BETATECH

### ***Building Block Video Tx1000 System***

Links Building Block Video's Tx1000 telemetry transmitter to the North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: BBV1000

### ***Computar DPLEX 9/16 Video Multiplexer***

Interface name: CPTRDPLX

### ***Dedicated Micros DVST Video Transmission System***

Links a Dedicated Micros DVST video transmission system via a DVST200 receiver to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: DMDVST

### ***Dedicated Micros Sprite Video Multiplexers***

Links a Dedicated Micros Digital Sprite, Sprite Lite, or Digital4 video multiplexer system to North's Extensible Object Model. Available for the Commander, Compass and ObSys product ranges.

Interface name: DMSPRITE

### ***Dedicated Micros Uniplex Series 2 Video Multiplexer***

Links a Dedicated Micros Uniplex (Simplex or Duplex) Series 2 video multiplexers to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: DMU2

### ***JVC BR-S925E Video Cassette Recorder***

Links the JVC BR-S925E Video Cassette Recorder to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: JVCBRS

### ***Mark Mercer Electronics PTZ Dome cameras***

Links the Mark Mercer Electronics PTZ Dome cameras to North's Extensible Object Model. Available for the Compass product ranges.

Interface name: MMERCER

### ***Mitsubishi HS-S5600 Series and HS-S8300 Series Video Cassette Recorder***

links Mitsubishi HS-S5600 Series and HS-S8300 series Video Cassette Recorder to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: MITSBVCR

### ***Molynx Visilynx CCTV system***

Links a Molynx Visilynx CCTV system to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: MOLYNX

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### ***Pelco CM9760 Series Video Matrix***

Links the Pelco CM9760 series video matrix system, via the CM9760-DT Data Translator, to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: PELCO

### ***SDA Protec SMS 5000 alarm monitoring system***

Links a single Workstation port of a Security Design Associates (SDA Protec) SMS 5000 alarm monitoring system to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: SMS5000

### ***Tecton's Darlex 20 Digital Video Recorder***

Links the Tecton Darlex 20 digital video recorder (DVR) to North's Extensible Object Model.

Interface name: TECTONDARLEX

### ***Ultrak/Honeywell Video Systems MAX-1000 video management system***

Links the Ultrak (now Honeywell Video Systems) MAX-1000 video management system to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: ULTRAK

### ***Vicon AuroraA digital video multiplexer***

Links to a Vicon AuroraA digital video multiplexer to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: VCNARORA

### ***Vicon NOVA and 1300 CPU matrix systems***

Links Vicon NOVA and 1300 CPU-based and matrix systems (supporting the host computer interface) to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: VICONHCI

### ***Vision Systems Adpro Fast Scan Series III***

Links the Vision Systems Adpro Fast Scan series III video transmission system to North's Extensible Object Model.

Interface name: ADPROFS3

### ***Vision Systems Adpro VST-10 Fast Scan Series***

Links the Vision Systems Adpro VST-10 Fast Scan video transmission system to North's Extensible Object Model.

Interface name: ADPROVST

## **Data Acquisition Systems**

### ***Advantech ADAM 4000 Series***

Links a network of Advantech 4000 series Data Acquisition Modules to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: ADAM

### ***Agritron MegaPoint sensor monitoring system***

Links Agritron MegaPoint sensor monitoring system to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: MEGAPOINT

### ***Alfa Laval Automation SattCon***

Links devices supporting the COMLI standard protocol to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: COMLI

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### ***ALSTOM GEM80 series PLC***

Links the ALSTOM Transmission & Distribution GEM80 series PLC to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: GEM80

### ***Duemmegi Conatto IO system***

Links slave devices supporting the JBus or ModBus open protocol to the North Extensible Object Model. Available for the Commander, Compass and ObSys product ranges.

Interface name: JBUS

### ***Landis & Staefa/Siemens Visoni PRV2 controller***

Links the Siemens Landis & Staefa PRV2 controller and P-Bus compatible I/O modules to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: LAGPRV2

### ***Meaco Radio Telemetry System***

Links the Meaco Radio Telemetry System to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: MEACO

### ***North XOM Data Log Archive***

Archive data logs from the North Extensible Object Model (XOM) to a standard CSV format file. Available for the ObSys product range.

Interface name: LOGFILE

### ***North XOM Data Logger***

Connects to North's Extensible Object Model, and stores data for use by other object software, such as the LogView application. Available for the Commander, Compass and ObSys product ranges.

Interface name: LOGMAX

### ***North XOM Meter Logger***

Connects to North's Extensible Object Model, and is used to enhance simple counters. MeterLog reads the counter of units used (e.g. kWh) periodically, then calculates and logs the number of units used within each half-hour period.

Interface name: METERLOG

### ***Omron Programmable Logic Controllers (PLC)***

Links to Omron PLC supporting the Host Link protocol (also known as SYSMAC WAY). Available for the Compass and ObSys product ranges.

Interface name: OMRONPLC

### ***RF Solutions Radio Modems***

Provides a link from RF Solutions FM 433 MHz Radio Modem and North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: RMMASTER AND RMSLAVE

## Display Systems

### ***European Selective Paging Association (ESPA) 4.4.4 protocol***

Links paging equipment that supports the ESPA 4.4.4 protocol to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: ESPA444

## North Interface List

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### ***Key Universal Building Systems Apex Display***

Links any Compass Open Link (COL) compatible system to North's Extensible Object Model. Available for the Compass product range.

Interface name: COL

### ***Landis & Staefa/Siemens IS1000 Display***

Links any Compass Open Link (COL) compatible system to North's Extensible Object Model. Available for the Compass product range.

Interface name: COL

### ***North Communications ObSys Display***

Links any Compass Open Link (COL) compatible system to North's Extensible Object Model. Available for the Compass product range.

Interface name: COL

### ***North ObSys PC Information***

Links information about the PC hardware and software specification to North's Extensible Object Model (XOM). The module also provides a watchdog timer for PCs with compatible hardware. Available for the ObSys product range.

Interface name: PCINFO

### ***North XOM Alarm Email/SMTP Gateway***

Send alarm messages from the North Extensible Object Model (XOM) to an SMTP server as an email. Available for the Commander and ObSys product ranges.

Interface name: ALMEMAIL

### ***North XOM Alarm Printer***

Links any Windows page based printer to North's Extensible Object Model (XOM). Available for the ObSys product range.

Interface name: ALMPRINT

### ***North XOM Alarm Printer (serial)***

Links any RS232 printer to North's Extensible Object Model (XOM). Available for the Compass and ObSys product ranges.

Interface name: PRINTER

### ***North XOM SMS Portal***

Provides a link between the North's Extensible Object Model, and the GSM Short Message Service (SMS) facilities of mobile telephones. Available for the Compass and ObSys product ranges.

Interface name: GSMSMS

### ***North XOM Web Server***

Provides a link between the North's Extensible Object Model and Web browsers. Available for the Commander and ObSys product ranges.

Interface name: OBHTTP

### ***TAC UniHub Display***

Links any Compass Open Link (COL) compatible system to North's Extensible Object Model. Available for the Compass product range.

Interface name: COL

### ***Telocator Alphanumeric Protocol (TAP)***

Links paging services that support the Telocator Alphanumeric Protocol (TAP) to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: TAP

## North Interface List

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### *Tyrrell Systems CrossTalk Display*

Links any Compass Open Link (COL) compatible system to North's Extensible Object Model. Available for the Compass product range.

Interface name: COL

### *York FM Display*

Links any Compass Open Link (COL) compatible system to North's Extensible Object Model. Available for the Compass product range.

Interface name: COL

## Environmental Monitoring Systems

### *Carel air-conditioning and refrigeration controllers*

Links the range of Carel air-conditioning and refrigeration controllers (including pCO<sub>2</sub>, pCO and uAC) to North's eXtensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: CAREL

### *Cylon Controls Unitron Range*

Links Cylon Controls Unitron range to North's Extensible Object Model. Available for the Compass, Commander and ObSys product ranges.

Interface name: CYLON

### *Danfoss Refrigeration controls*

Links a network of Danfoss water chiller controllers to North's Extensible Object Model. Available for the Compass product range.

Interface name: DANBUSS

### *Kamstrup Multical heat meters*

Links Viterra Combimeter II heat meters, using the M-bus protocol, to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: KAMSTRUP

### *Landis & Staefa/Siemens AS1000 BMS*

Links Siemens Landis & Staefa Integral AS1000 building management system via the NICO product to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: STFANICO

### *Landis & Staefa/Siemens MS2000 NCRS/NCRE System*

Links a network of Siemens Landis & Staefa MS2000 NCRS/NCRE system controllers to North's Extensible Object Model. Available for the Commander, Compass and ObSys product ranges.

Interface name: STAEFANCRS

### *Landis & Staefa/Siemens NCRE Trunk Bus*

Provides a gateway from the Siemens Landis & Staefa NCRE system using its PLC trunk block, to North's Extensible Object Model. Available for the Compass product range.

Interface name: STFAPLC

### *Landis & Staefa/Siemens Pronto BMS*

Links Siemens Landis & Staefa Control System Pronto building management system via the WSE1 or WSE10 product to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: STFAWSE

## North Interface List

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### ***McQuay International's Chiller System Controller (CSC)***

Links the McQuay International's Chiller System Controller (CSC) to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: MCQYSC

### ***McQuay International's range of Air-Cooled (Stargate) Screw Chillers***

Links the McQuay International's range of Air-Cooled (previously known as Stargate) Screw Chillers to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: MCQYSTAR

### ***McQuay International's range of Centrifugal Chillers***

Links the McQuay International's range of Centrifugal Chillers, with MicroTech controllers, to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: MCQYCC

### ***McQuay International's range of Reciprocating Chillers***

Links the McQuay International's range of Reciprocating Chillers to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: MCQYRC

### ***McQuay International's range of Roof-Top Units***

Links the McQuay International's range of Roof-Top Units to North's Extensible Model. Available for the Compass and ObSys product ranges.

Interface name: MCQYRTU

### ***McQuay International's range of Unit Ventilator***

Links the McQuay International's range of Unit Ventilator to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: MCQYVENT

### ***McQuay International's Self-Contained Air Conditioning Units***

Links McQuay International's Self-Contained Air Conditioning Units to North's Extensible Model. Available for the Compass and ObSys product ranges.

Interface name: MCQYSCU

### ***McQuay International's Series 200 Flooded Screw Chiller***

Links McQuay International's Series 200 Flooded Screw Chiller to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: MCQYPES

### ***McQuay International's Water Source Heat Pump***

Links the McQuay International's Water Source Heat Pump to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: MCQYWSHP

### ***Meaco Radio Telemetry System***

Links the Meaco Radio Telemetry System to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: MEACO

### ***Trane GCI chiller controls***

Links slave devices supporting the JBus or ModBus open protocol to the North Extensible Object Model. Available for the Commander, Compass and ObSys product ranges.

Interface name: JBUS

## North Interface List

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### ***Trend Control Systems IQ Series BMS***

Links the Novar Trend Control Systems IQ building management system to North's Extensible Object Model. Available for the Commander, Compass and ObSys product ranges.

Interface name: TRENDIQ

### ***Uniflair Air-conditioning controllers***

Links the range of Carel air-conditioning and refrigeration controllers (including pCO<sub>2</sub>, pCO and uAC) to North's eXtensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: CAREL

### ***Veeder-Root TLS series tank-monitoring system***

Links Veeder-Root TLS series of tank measurement and monitoring systems to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: VEEDER

### ***Viterra Combimeter II heat meter***

Links Viterra Combimeter II heat meters, using the M-bus protocol, to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: VITERRA

### ***York International ASCII Microgateway***

Links York ISN controllers, using the YorkTalk protocol, to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: YORKTALK

### ***York International ISN Controls***

Links a network of York ISN controllers, via a Universal LINC232, to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: YORKISN

### ***York International YorkTalk Controllers***

Links York ISN controllers, using the YorkTalk protocol, to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: YORKTALK

## **Fire Protection Systems**

### ***Cerberus/Siemens AlgoRex Fire Panels***

Links a Siemens Cerberus AlgoRex fire alarm system to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: CERBERUS

### ***Cerberus/Siemens CS1115 Fire Panels***

Links a Siemens Cerberus CS1115 fire detection panel to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: CERB1115

### ***Colt International OPV Control system***

Links a Colt International OPV smoke control ventilation system to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: COLTOPV

### ***Esser/Novar System 8000 Series Fire Panels***

Links a Novar Esser or Gent System 8000 compatible fire panel to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: ESSER

## North Interface List

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### ***Gent/Novar 3400/Vigilon Fire Panels***

Links a Novar Gent 3400 series fire detection control panels to North's Extensible Object Model. Available for the Commander, Compass and ObSys product ranges.

Interface name: GENT

### ***Gent/Novar 8000 Series Fire Panels***

Links a Novar Esser or Gent System 8000 compatible fire panel to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: ESSER

### ***Hochiki ESP Fire Detection panels***

Links a fire detection panel supporting the Hochiki Enhanced Systems Protocol (ESP) to North's Extensible Object Model (XOM). Available for the Compass and ObSys product ranges.

Interface name: HOCHIKI

### ***Honeywell XLS50/60 Fire Panel***

Links a single Morley-IAS ZX series fire system panel to North's Extensible Object Model. Compatible panels include the ZX1e, ZX2e, ZX5e and ZXa series.

Interface name: MORLEY

### ***Honeywell XLS80 Fire Panel***

Links a Notifier Fire System panel to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: NOTIFIER

### ***Kidde Fire Protection GRS network***

Links a Kidde Fire Protection GRS/MARS network, including Vega, Procyon, Outstation and Multiplexer panels to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: KIDDE

### ***Kidde Fire Protection MARS network***

Links a Kidde Fire Protection GRS/MARS network, including Vega, Procyon, Outstation and Multiplexer panels to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: KIDDE

### ***Kidde Fire Protection Vega or Procyon Panel***

Links a single Kidde Fire Protection Vega or Procyon panel to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: KIDDEPAN

### ***Microlec SmokeMaster system***

Links a Microlec SmokeMaster system to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: MICROLEC

### ***Minerva Fire Panel***

Links a Minerva MX/ZX fire alarm panel to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: MINERVA

### ***Morley-IAS Fire Systems (multiple ZX panels)***

Links up to 99 Morley-IAS Fire Systems' fire alarm control panels to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: MORLEYMS

## North Interface List

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### *Morley-IAS Fire Systems (single ZX series panel)*

Links a single Morley-IAS ZX series fire system panel to North's Extensible Object Model. Compatible panels include the ZX1e, ZX2e, ZX5e and ZXa series.

Interface name: MORLEY

### *Notifier Fire Systems*

Links a Notifier Fire System panel to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: NOTIFIER

### *Peripheral Support Services FireQuest Fire Detection panels*

Links the Peripheral Support Services (PSS) FireQuest range of fire alarm control panels to North's Extensible Object Model (XOM). Available for the Compass and ObSys product ranges.

Interface name: PSS

### *Protec Fire Detection control panels*

Links Protec Fire Detection AN95, Algo-Tec 5400 and Algo-Tec 6400 series fire control systems to North's Extensible Object Model. Available for the Commander, Compass and ObSys product ranges.

Interface name: PROTEC

### *SimplexGrinnell Simplex 4100 series fire alarm system*

Links the SimplexGrinnell Simplex 4100 series fire alarm system to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: SIMPLEX

### *Static Systems Series 900 fire alarm system*

Links a Static Systems Group Series 900 fire alarm system to the North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: STATIC

### *Vision Systems VESDA aspirating smoke detection system*

Links a Vision Systems VESDA LaserPLUS, LaserSCANNER and LaserCOMPACT early warning, aspirating smoke detection system to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: VESDA

### *Ziton ZP fire detection systems*

Links a Ziton ZP3 or ZP5 fire detection system to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: ZITONZP

## Hotel Management Systems

### *Innsite Hotel Services Energy Management System*

Links Innsite Hotel Services Energy Management System to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: INNSITE

## HVAC Systems

### *Aertesi MaxiNet BMS*

Links MaxiNet compatible thermostat networks to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: MAXINET

## North Interface List

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### ***Alerton LSI BMS***

Links to the BACnet open protocol; an American national standard, a European pre-standard, and an ISO global standard. Available for the Compass, ObSys and Commander product ranges.

Interface name: BACNET

### ***American Auto-Matrix SAGE controller***

Links equipment that supports the PHP protocol to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: PHP

### ***American Auto-Matrix Unitary Controllers***

Links equipment that supports the PUP protocol to North's Extensible Object Model. Available for the Compass product range.

Interface name: PUP

### ***Andover Controls Infinity/Continuum Systems***

Links Andover Controls building management systems, or Thorn Security Infinity bms to North's Extensible Object Model. Available for the Compass, Commander and ObSys product ranges.

Interface name: ANDCLI

### ***Andover Controls Nucleus/AC8+/AC256***

Links an Andover Controls AC8+ or an Andover Nucleus AC256 system to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: ANDAC8

### ***ASI Controls VAV***

Links ASI Controls range of VAV controls, supporting the ASIC/1 protocol, to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: ASIC

### ***Automated Logic controls***

Links to the BACnet open protocol; an American national standard, a European pre-standard, and an ISO global standard. Available for the Compass, ObSys and Commander product ranges.

Interface name: BACNET

### ***BACnet open protocol***

Links to the BACnet open protocol; an American national standard, a European pre-standard, and an ISO global standard. Available for the Compass, ObSys and Commander product ranges.

Interface name: BACNET

### ***Belimo Automation MP-Bus Actuators***

Links a MP-Network of up to 8 Belimo MFT damper actuators, via a Belimo ZIP-RS232 module, to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: BELIMO

### ***Carrier CCN DataPort II Systems***

Links a network of Carrier Comfort Network DataPort II controllers to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: CCNDP2

### ***Colt International OPV Control system***

Links a Colt International OPV smoke control ventilation system to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: COLTOPV

## North Interface List

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### ***Cylon Controls Unitron Range***

Links Cylon Controls Unitron range to North's Extensible Object Model. Available for the Compass, Commander and ObSys product ranges.

Interface name: CYLON

### ***Denco Millennium Access Module***

Links a network of Denco Millennium controllers to North's Extensible Object Model, via the Millennium Access Module (MAM). Available for the Compass and ObSys product ranges.

Interface name: DENCOMAM

### ***Denco Monitrol system***

Links the Denco Monitrol system to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: DENCO

### ***Denco Monitrol system via a CIU***

Links the Denco Monitrol system to North's Extensible Object Model via a CIU. Available for the Compass and ObSys product ranges.

Interface name: DENCOCIU

### ***Dunham Bush Chiller controls***

Links a Dunham Bush NC25-4 controller to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: DBUSH

### ***Honeywell Excel 5000 System***

Links the Honeywell Excel 5000 System to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: HWELLXL

### ***Johnson Controls Metasys system***

Links a Johnson Controls Metasys system to North's Extensible Object Model. The interface is a vendor device on the Johnson N2 bus. Available for the Compass product range.

Interface name: JCSMSN2

### ***Landis & Staefa/Siemens AS1000 BMS***

Links Siemens Landis & Staefa Integral AS1000 building management system via the NICO product to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: STFANICO

### ***Landis & Staefa/Siemens MS2000 NCRS/NCRE System***

Links a network of Siemens Landis & Staefa MS2000 NCRS/NCRE system controllers to North's Extensible Object Model. Available for the Commander, Compass and ObSys product ranges.

Interface name: STAEFANCRS

### ***Landis & Staefa/Siemens NCRE Trunk Bus***

Provides a gateway from the Siemens Landis & Staefa NCRE system using its PLC trunk block, to North's Extensible Object Model. Available for the Compass product range.

Interface name: STFAPLC

### ***Landis & Staefa/Siemens Pronto BMS***

Links Siemens Landis & Staefa Control System Pronto building management system via the WSE1 or WSE10 product to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: STFAWSE

## North Interface List

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### ***Landis & Staefa/Siemens Visoni PRV2 controller***

Links the Siemens Landis & Staefa PRV2 controller and P-Bus compatible I/O modules to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: LAGPRV2

### ***Liebert DCLAN Interface***

Links a Liebert DCLAN interface to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: LBRTDCL

### ***Meaco Radio Telemetry System***

Links the Meaco Radio Telemetry System to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: MEACO

### ***Meitav MaxiNet thermostat network***

Links MaxiNet compatible thermostat networks to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: MAXINET

### ***PHP compatible products***

Links equipment that supports the PHP protocol to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: PHP

### ***PUP compatible products***

Links equipment that supports the PUP protocol to North's Extensible Object Model. Available for the Compass product range.

Interface name: PUP

### ***Sabroe's Unisab and Prosab II refrigerating compressors***

Links a network of Sabroe's Unisab and Prosab II refrigerating compressors to North's Extensible Object Model. Available for the Compass and ObSys product range.

Interface name: COMSABII

### ***SeaChange hvac control systems***

Links the SmartKontrols (previously SeaChange) hvac control system to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: SEACHNG

### ***Siemens Desigo PX controls***

Links to the BACnet open protocol; an American national standard, a European pre-standard, and an ISO global standard. Available for the Compass, ObSys and Commander product ranges.

Interface name: BACNET

### ***SmartKontrols hvac control systems***

Links the SmartKontrols (previously SeaChange) hvac control system to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: SEACHNG

### ***Staefa Smart I controllers***

Links Siemens Staefa Control System Smart I controllers to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: STFASMRT

## North Interface List

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### ***Systems Controls & Instruments (SCI) MaxiNet thermostat network***

Links MaxiNet compatible thermostat networks to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: MAXINET

### ***TAC Xenta HVAC Controllers***

Links a LonWorks network, via an Echelon Serial LonTalk Adapter (SLTA-10), to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: LONSLTA

### ***TAC/CSI I/NET***

Provides a gateway from the CSI and TAC I/NET systems to North's Extensible Object Model, and allows the I/NET system to read and write values within the interface. Available for the Compass product range.

Interface name: CSIMR

### ***Thorn Security Infinity BMS***

Links Andover Controls building management systems, or Thorn Security Infinity bms to North's Extensible Object Model. Available for the Compass, Commander and ObSys product ranges.

Interface name: ANDCLI

### ***Thorn Security Star bms***

Links equipment that supports the PHP protocol to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: PHP

### ***Titus ASIC VAV control system***

Links ASI Controls range of VAV controls, supporting the ASIC/1 protocol, to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: ASIC

### ***Trane Tracer Summit controls***

Links to the BACnet open protocol; an American national standard, a European pre-standard, and an ISO global standard. Available for the Compass, ObSys and Commander product ranges.

Interface name: BACNET

### ***Trend Control Systems IQ Series BMS***

Links the Novar Trend Control Systems IQ building management system to North's Extensible Object Model. Available for the Commander, Compass and ObSys product ranges.

Interface name: TRENDIQ

### ***WattMaster Controls Auto-Zone system***

Links the WattMaster Controls Auto-Zone range of hvac and air conditioning controllers to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: WATTMSTR

### ***York International ASCII Microgateway***

Links York ISN controllers, using the YorkTalk protocol, to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: YORKTALK

### ***York International ISN Controls***

Links a network of York ISN controllers, via a Universal LINC232, to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: YORKISN

## North Interface List

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### *York International YorkTalk Controllers*

Links York ISN controllers, using the YorkTalk protocol, to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: YORKTALK

## Lighting Systems

### *Cooper Menvier/JSB Electrical Easicheck Emergency Lighting System*

Links the Cooper Menvier/JSB Electrical Easicheck emergency lighting system to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: JSB

### *ECS Philips LightMaster System*

Links the ECS Philips Lightong Controls LightMaster System to North's Extensible Object Model. Available for ObSys product range only.

Interface name: LTMASTER

### *iLight iCan lighting control system*

Links the iLight Ltd iCan lighting control network to North's Extensible Object Model. The interface allows control of a network of lighting source controllers, including dimmer and ballast controllers. Available for the Compass and ObSys product ranges.

Interface name: ILIGHT

### *iLight/Dynalite DyNet lighting control network*

Links the iLight Ltd, previously Dynalight Ltd, DyNet lighting control network to North's Extensible Object Model. The interface allows control of a network of lighting controllers, including relay and ballast controllers. Available for the Compass and ObSys product ranges.

Interface name: DYNALITE

### *Luxmate building management system*

Links the Luxmate lighting, heating and natural ventilation range of products to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: LUXMATE

### *Philips Helio Lighting Control System*

Links a LonWorks network, via an Echelon Serial LonTalk Adapter (SLTA-10), to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: LONSLTA

### *Triatek Lighting control system*

Links a Triatek Lighting LP control system to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: TRIATEK

## Paging Systems

### *Bosch DP6000 paging system*

Links paging equipment that supports the ESPA 4.4.4 protocol to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: ESPA444

### *European Selective Paging Association (ESPA) 4.4.4 protocol*

Links paging equipment that supports the ESPA 4.4.4 protocol to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: ESPA444

## North Interface List

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### ***Multitone Access 3000 paging system***

Links the Multitone Access 3000 paging system to North's Extensible Object Model.

Interface name: MULTITONE

### ***North XOM SMS Portal***

Provides a link between the North's Extensible Object Model, and the GSM Short Message Service (SMS) facilities of mobile telephones. Available for the Compass and ObSys product ranges.

Interface name: GSMSMS

### ***PABX Systems with DTMF input***

Links PBX systems supporting DTMF (dual-tone multi-frequency) message input to North's Extensible Object Model. The interface acts as a phone dialler to trigger events within a compatible PBX.

Interface name: TELDIAL

### ***Philips DP6000 paging system***

Links paging equipment that supports the ESPA 4.4.4 protocol to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: ESPA444

### ***Telocator Alphanumeric Protocol (TAP)***

Links paging services that support the Telocator Alphanumeric Protocol (TAP) to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: TAP

## **Power Management Systems**

### ***Advance Power Systems PC1200 Rectifiers***

Links an Advance Power Systems PC1200 DC Rectifier Control System to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: ADVANCE

### ***APC Silcon UPS***

Links an APC Silcon Series uninterruptible power supply (UPS) to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: SILCON

### ***APC Smart and Matrix UPS***

Links American Power Conversion's Uninterruptible Power Supply (UPS) range using the UPS-Link communications protocol, to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: APC

### ***Autometers EVO IC Series Harmonic Analyser meters***

Links a network of Autometers EVO IC Harmonic Analyser meters fitted with the Modbus communications cassette to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: AUTOMTREV0

### ***Autometers IC Series power meters***

Links a network of Autometers IC800, IC1000, or IC2000 Series power meters fitted with the Modbus communications cassette to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: AUTOMTRJ

## North Interface List

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### ***Benning Power Electronics MCU 1000/2000***

Links the Benning MCU 2000 or 1000 power-supply unit to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: BENNING

### ***Carlo Gavazzi WM3-96 Smart Quality Power Analyzer***

Links Carlo Gavazzi WM3-96 Smart Quality Power Analyzers to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: CARLOGAVAZZI

### ***Caterpillar generator***

Links Caterpillar generators to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: CATM5X

### ***Cover Partner UPS***

Links Cover Partner's Uninterruptible Power Supply (UPS) to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: COVERPARTNER

### ***Crompton Integra 2000 power meter***

Links slave devices supporting the JBus or ModBus open protocol to the North Extensible Object Model. Available for the Commander, Compass and ObSys product ranges.

Interface name: JBUS

### ***Deep Sea Electronics 55x Generator Monitor***

Links slave devices supporting the JBus or ModBus open protocol to the North Extensible Object Model. Available for the Commander, Compass and ObSys product ranges.

Interface name: JBUS

### ***Elcontrol Energy Net VIP Energy/VIP One meters***

Links Elcontrol Energy Net VIP Energy and VIP One compatible energy meters. Available for the Compass product ranges.

Interface name: ELCTRL

### ***Elgama LZQM/LZMF Electricity Meters***

Links a network of up to 8 Elgama electric meters communicating via a CLUPC to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: ELGAMA

### ***Eltek PRS Power Rectification System***

Links an Eltek Power Rectifier System (PRS) to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: ELTEK

### ***Enercom EMA***

Links slave devices supporting the JBus or ModBus open protocol to the North Extensible Object Model. Available for the Commander, Compass and ObSys product ranges.

Interface name: JBUS

### ***Enercom IsoBase/IsoHub Earth Leakage Monitoring***

Links a Megacon/Enercom IsoBase/IsoHub (IES) earth leakage monitoring system to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: ISOBASE

## North Interface List

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### ***Enercom Isobox Earth Leakage Monitoring***

Links a Megacon/Enercom Isobox earth leakage monitoring system to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: ISOBOX

### ***Exide Electronics UPS with BCM protocol***

Links Powerware Corporation (previously Exide Electronics, and IPM) products supporting the Binary Computer Mode (BCM) protocol to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: EXIDEBCM

### ***Exide Electronics UPS with P-Record protocol***

Links Powerware Corporation (previously Exide Electronics, and IPM) products supporting the P-Record protocol to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: EXIDEPR

### ***Fiskars Power Systems UPS***

Links Fiskars/Deltec Power Systems, now part of Powerware Corporation, products to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: FISKARS

### ***Hitzinger Powercon System***

Links the Hitzinger Powercon system to North's Extensible Object Model. Hitzinger Powercon system includes alternators, converters, diesel-generators and UPS systems. Available for the Compass and ObSys product ranges.

Interface name: HITZINGER

### ***IME Nemo 96 Power Measurement unit***

Links slave devices supporting the JBus or ModBus open protocol to the North Extensible Object Model. Available for the Commander, Compass and ObSys product ranges.

Interface name: JBUS

### ***Kamstrup Electricity meters***

Links Viterra Combimeter II heat meters, using the M-bus protocol, to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: KAMSTRUP

### ***Kamstrup Multical heat meters***

Links Viterra Combimeter II heat meters, using the M-bus protocol, to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: KAMSTRUP

### ***Liebert Datawave PDU***

Links an Liebert Datawave PDU to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: LBRTDTWV

### ***Megacon AB ISORACK 2000 Earth Leakage Condition Monitoring System***

Links Megacon AB ISORACK 2000 Earth Leakage Condition Monitoring System to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: ISORACK

### ***MEM Memshield Circuit Breaker Protection System***

Links an Eaton MEM Memshield Circuit Breaker Protection System to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: MEM

## North Interface List

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### ***Power-One DC Power Systems***

Links Power-One DC power system controllers to North's Extensible Object Model; including Power-One PC5, PC7, PC10, and PCS rectifier controllers. Available for the Compass and ObSys product ranges.

Interface name: POWERONE

### ***Powerware Corporation UPS with BCM protocol***

Links Powerware Corporation (previously Exide Electronics, and IPM) products supporting the Binary Computer Mode (BCM) protocol to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: EXIDEBCM

### ***Powerware Corporation UPS with P-Record protocol***

Links Powerware Corporation (previously Exide Electronics, and IPM) products supporting the P-Record protocol to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: EXIDEPR

### ***Socomec Sicon Delphys UPS***

Links a Socomec Sicon Delphys DS uninterruptible power supply (UPS) to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: SOCODEL

### ***Viterra Combimeter II heat meter***

Links Viterra Combimeter II heat meters, using the M-bus protocol, to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: VITERRA

## **Power Meter Systems**

### ***Autometers EVO IC Series Harmonic Analyser meters***

Links a network of Autometers EVO IC Harmonic Analyser meters fitted with the Modbus communications cassette to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: AUTOMTREVO

### ***Autometers IC Series power meters***

Links a network of Autometers IC800, IC1000, or IC2000 Series power meters fitted with the Modbus communications cassette to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: AUTOMTRJ

### ***Carlo Gavazzi WM3-96 Smart Quality Power Analyzer***

Links Carlo Gavazzi WM3-96 Smart Quality Power Analyzers to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: CARLOGAVAZZI

### ***Dorman-Smith Load Module 3-phase energy analyser***

Links Elcontrol Energy Net VIP Energy and VIP One compatible energy meters. Available for the Compass product ranges.

Interface name: ELCTRL

### ***Elcontrol Energy Net VIP Energy/VIP One meters***

Links Elcontrol Energy Net VIP Energy and VIP One compatible energy meters. Available for the Compass product ranges.

Interface name: ELCTRL

### ***Elgama LZQM/LZMF Electricity Meters***

Links a network of up to 8 Elgama electric meters communicating via a CLUPC to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: ELGAMA

## North Interface List

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### ***Kamstrup Electricity meters***

Links Viterra Combimeter II heat meters, using the M-bus protocol, to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: KAMSTRUP

### ***Kamstrup Multical heat meters***

Links Viterra Combimeter II heat meters, using the M-bus protocol, to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: KAMSTRUP

### ***North XOM Meter Logger***

Connects to North's Extensible Object Model, and is used to enhance simple counters. MeterLog reads the counter of units used (e.g. kWh) periodically, then calculates and logs the number of units used within each half-hour period.

Interface name: METERLOG

### ***Northern Design PM390 power meter***

Links slave devices supporting the JBus or ModBus open protocol to the North Extensible Object Model. Available for the Commander, Compass and ObSys product ranges.

Interface name: JBUS

### ***Power Measurement 3300 ACM power monitor***

Links slave devices supporting the JBus or ModBus open protocol to the North Extensible Object Model. Available for the Commander, Compass and ObSys product ranges.

Interface name: JBUS

### ***Power Measurement 7300 Ion power monitor***

Links slave devices supporting the JBus or ModBus open protocol to the North Extensible Object Model. Available for the Commander, Compass and ObSys product ranges.

Interface name: JBUS

### ***Schneider Digipact PM300 power meter***

Links slave devices supporting the JBus or ModBus open protocol to the North Extensible Object Model. Available for the Commander, Compass and ObSys product ranges.

Interface name: JBUS

### ***Socomec Diris Ap power meter***

Links slave devices supporting the JBus or ModBus open protocol to the North Extensible Object Model. Available for the Commander, Compass and ObSys product ranges.

Interface name: JBUS

### ***Starkstrom Circutor power meters***

Links slave devices supporting the JBus or ModBus open protocol to the North Extensible Object Model. Available for the Commander, Compass and ObSys product ranges.

Interface name: JBUS

### ***Trend MP/MPO power meter***

Links Elcontrol Energy Net VIP Energy and VIP One compatible energy meters. Available for the Compass product ranges.

Interface name: ELCTRL

### ***Viterra Combimeter II heat meter***

Links Viterra Combimeter II heat meters, using the M-bus protocol, to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: VITERRA

## North Interface List

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### Power Supply Systems

#### *Advance Power Systems PC1200 Rectifiers*

Links an Advance Power Systems PC1200 DC Rectifier Control System to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: ADVANCE

#### *Benning Power Electronics MCU 1000/2000*

Links the Benning MCU 2000 or 1000 power-supply unit to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: BENNING

#### *Eltek PRS Power Rectification System*

Links an Eltek Power Rectifier System (PRS) to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: ELTEK

#### *FG Wilson generators*

Links slave devices supporting the JBus or ModBus open protocol to the North Extensible Object Model. Available for the Commander, Compass and ObSys product ranges.

Interface name: JBUS

#### *Fronius IG photovoltaic system*

Links the Fronius IG photovoltaic system to North's Extensible Object Model. Available for the Compass product ranges.

Interface name: FRONIUSPV

#### *Hitzinger Powercon System*

Links the Hitzinger Powercon system to North's Extensible Object Model. Hitzinger Powercon system includes alternators, converters, diesel-generators and UPS systems. Available for the Compass and ObSys product ranges.

Interface name: HITZINGER

#### *Kohler Power Systems Decision-Maker generator*

Links an Kohler Power Systems Decision-Maker generator controller to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: KOHLER

#### *MEM Memshield Circuit Breaker Protection System*

Links an Eaton MEM Memshield Circuit Breaker Protection System to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: MEM

#### *Merlin Gerin Galaxy PW UPS*

Links slave devices supporting the JBus or ModBus open protocol to the North Extensible Object Model. Available for the Commander, Compass and ObSys product ranges.

Interface name: JBUS

#### *Power-One DC Power Systems*

Links Power-One DC power system controllers to North's Extensible Object Model; including Power-One PC5, PC7, PC10, and PCS rectifier controllers. Available for the Compass and ObSys product ranges.

Interface name: POWERONE

#### *SocoMec UPS*

Links slave devices supporting the JBus or ModBus open protocol to the North Extensible Object Model. Available for the Commander, Compass and ObSys product ranges.

Interface name: JBUS

## North Interface List

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### Remote Monitoring Systems

#### *North Compass Network Link via Modem*

Links any Compass Network using PSTN or ISDN Modems. Available for the Compass product range.

Interface name: NLMODEM

#### *North XOM Alarm Dispatch*

Connects to North's Extensible Object Model (XOM), and holds a buffer of alarms with additional security module. Available for the Compass and ObSys product ranges.

Interface name: ALARMDISPATCH

#### *North XOM Alarm History*

Connects to North's Extensible Object Model (XOM), and holds a list of alarms events. Available for the Commander and ObSys product ranges.

Interface name: ALARMHISTORY

#### *North XOM Alarm Router*

Connects to North's Extensible Object Model (XOM), and holds a buffer of alarms which can be routed to several destinations. Available for the Commander, Compass and ObSys product ranges.

Interface name: ALMROUTE

#### *North XOM Alarm Store*

Connects to North's Extensible Object Model (XOM), and holds a list of alarms that require user acknowledgement. Available for the ObSys product range and works in conjunction with ObSys Alarm Manager.

Interface name: ALARMSTORE

#### *North XOM IPBus protocol*

Used within North's Extensible Object Model (XOM) to connect IP enabled devices. Available for the ObSys and Commander product ranges.

Interface name: IPBUS

#### *North XOM SNMP Trap Portal*

Connects to North's Extensible Object Model (XOM), and holds a buffer of alarms which can be routed to several destinations. Available for the Commander, Compass and ObSys product ranges.

Interface name: SNMPTRAP

#### *North XOM Web Server*

Provides a link between the North's Extensible Object Model and Web browsers. Available for the Commander and ObSys product ranges.

Interface name: OBHTTP

#### *Texcel Technology Vision VE5000 system*

Links a Texcel Technology Vision VE5000 system to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: TEXCEL

### Security Systems

#### *360 Vision Technologies' Dome and Controls CCTV system*

Links the 360 Vision Technology Ltd. VisionMatrix and VisionDome ranges of CCTV dome and controls to the North Extensible Object Model.

Interface name: 360VISION

## North Interface List

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### ***Access single door control***

The Access interface provides access control for a single door from North's Extensible Object Model. Available for the Compass product ranges. See also the ZipMaster interface and Zip M7101A module.

Interface name: ACCESS

### ***Ademco Microtech Galaxy Security System***

Links an Ademco Microtech Galaxy security/access control system to North's Extensible Object Model. Available for the Commander, Compass and ObSys product ranges.

Interface name: GALAXY

### ***Asutsa TLVCR964 Video Cassette Recorder***

Links the Asutsa TLVCR964 Video Cassette Recorder to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: ASTS964

### ***Baxall Security's ZMX+ Series Multiplexers***

Links the Baxall ZMX+ series duplex and triplex video multiplexers to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: BAXALL

### ***Building Block Video Tx1000 System***

Links Building Block Video's Tx1000 telemetry transmitter to the North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: BBV1000

### ***Cerberus/Siemens CS11 Security Panels***

Links a Siemens Cerberus CS11 security panel to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: CERB11

### ***Computar DPLEX 9/16 Video Multiplexer***

Interface name: CPTRDPLX

### ***Cooper Menvier/Scantronic Security System***

Links a Cooper Menvier/Scantronic 8136 security control panel to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: SCAN8136

### ***Dedicated Micros DVST Video Transmission System***

Links a Dedicated Micros DVST video transmission system via a DVST200 receiver to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: DMDVST

### ***Dedicated Micros Sprite Video Multiplexers***

Links a Dedicated Micros Digital Sprite, Sprite Lite, or Digital4 video multiplexer system to North's Extensible Object Model. Available for the Commander, Compass and ObSys product ranges.

Interface name: DMSPRITE

### ***Dedicated Micros Uniplex Series 2 Video Multiplexer***

Links a Dedicated Micros Uniplex (Simplex or Duplex) Series 2 video multiplexers to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: DMU2

### ***Electronic Security Products CS16 Spider***

Links Electronic Security Products' CS16 'Spider' equipment to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: ESPCS16

## North Interface List

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### ***Europlex Technologies Apex/Midiplex/3GS Intruder Systems***

Links a Europlex Technologies Apex, Midiplex or 3GS intruder system to the North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: EUROPLEX

### ***Geoquip Electronic Perimeter Detection System***

Links the Geoquip electronic perimeter detection system via a GQMPX-1B control unit to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: GEOQUIP

### ***JVC BR-S925E Video Cassette Recorder***

Links the JVC BR-S925E Video Cassette Recorder to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: JVCBRS

### ***Mark Mercer Electronics PTZ Dome cameras***

Links the Mark Mercer Electronics PTZ Dome cameras to North's Extensible Object Model. Available for the Compass product ranges.

Interface name: MMERCER

### ***Menvier TS2500 Intruder Alarm Control System***

Links to Menvier TS2500 Intruder Alarm Control System. Available for the Compass product ranges.

Interface name: MENVR25

### ***Mitsubishi HS-S5600 Series and HS-S8300 Series Video Cassette Recorder***

links Mitsubishi HS-S5600 Series and HS-S8300 series Video Cassette Recorder to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: MITSBVCR

### ***North XOM Shared Token Database***

Provides security information on up to 2000 users to other object software via North's Extensible Object Model. Available for the Compass, Commander and ObSys product ranges.

Interface name: TOKENMAX

### ***North XOM User Locator Database***

Provides security and location information on up to 2000 users to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: LOCATOR

### ***PAC International 2100 series door controller***

Links the PAC International 2100 series door controller to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: PAC2100

### ***Pelco CM9760 Series Video Matrix***

Links the Pelco CM9760 series video matrix system, via the CM9760-DT Data Translator, to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: PELCO

### ***SDA Protec SMS 5000 alarm monitoring system***

Links a single Workstation port of a Security Design Associates (SDA Protec) SMS 5000 alarm monitoring system to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: SMS5000

## North Interface List

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### ***Tecton's Darlex 20 Digital Video Recorder***

Links the Tecton Darlex 20 digital video recorder (DVR) to North's Extensible Object Model.  
Interface name: TECTONDARLEX

### ***Ultrak/Honeywell Video Systems MAX-1000 video management system***

Links the Ultrak (now Honeywell Video Systems) MAX-1000 video management system to North's Extensible Object Model. Available for the Compass and ObSys product ranges.  
Interface name: ULTRAK

### ***Vicon NOVA and 1300 CPU matrix systems***

Links Vicon NOVA and 1300 CPU-based and matrix systems (supporting the host computer interface) to North's Extensible Object Model. Available for the Compass and ObSys product ranges.  
Interface name: VICONHCI

### ***Vision Systems Adpro Fast Scan Series III***

Links the Vision Systems Adpro Fast Scan series III video transmission system to North's Extensible Object Model.  
Interface name: ADPROFS3

### ***Vision Systems Adpro VST-10 Fast Scan Series***

Links the Vision Systems Adpro VST-10 Fast Scan video transmission system to North's Extensible Object Model.  
Interface name: ADPROVST

## **System Integration Systems**

### ***Crestron Home Automation***

Provides third-party systems with a simple terminal object gateway to North's Extensible Object Model. It allows a third-party system to read and write objects within the interface only. Available for the Compass and ObSys product ranges.  
Interface name: STERM

### ***North Compass Open Link (COL) protocol***

Links any Compass Open Link (COL) compatible system to North's Extensible Object Model. Available for the Compass product range.  
Interface name: COL

### ***North Compass Simple Gateway protocol***

Links any Compass Simple Gateway (SG) compatible system to North's Extensible Object Model. Available for the Compass product range.  
Interface name: SG

### ***North ObSys PC Information***

Links information about the PC hardware and software specification to North's Extensible Object Model (XOM). The module also provides a watchdog timer for PCs with compatible hardware. Available for the ObSys product range.  
Interface name: PCINFO

### ***North Simple Terminal Object protocol***

Provides third-party systems with a simple terminal object gateway to North's Extensible Object Model. It allows a third-party system to read and write objects within the interface only. Available for the Compass and ObSys product ranges.  
Interface name: STERM

### ***North XOM ActiveX Control***

The ActiveX control plug-in allows developers to embed a link to North's ObSys product into any Windows application, providing a link to North's Extensible Object Model. Available for the ObSys product range.  
Interface name: ACTIVEX

## North Interface List

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### ***North XOM Alarm Generator***

Connects to North's Extensible Object Model (XOM), and monitors up to 500 object values and generates alarms when exceptions occur with the value. Available for the Compass and ObSys product ranges.

Interface name: ALARMGEN

### ***North XOM Alarm Printer (serial)***

Links any RS232 printer to North's Extensible Object Model (XOM). Available for the Compass and ObSys product ranges.

Interface name: PRINTER

### ***North XOM Calendar Timer Control***

Connects to North's Extensible Object Model (XOM), provides a calendar and up to 100 timer functions for any object connected to North's Extensible Object Model. Available for the Compass, Commander and ObSys product ranges.

Interface name: CALTIMER

### ***North XOM Data Log Archive***

Archive data logs from the North Extensible Object Model (XOM) to a standard CSV format file. Available for the ObSys product range.

Interface name: LOGFILE

### ***North XOM Data Logger***

Connects to North's Extensible Object Model, and stores data for use by other object software, such as the LogView application. Available for the Commander, Compass and ObSys product ranges.

Interface name: LOGMAX

### ***North XOM IPBus protocol***

Used within North's Extensible Object Model (XOM) to connect IP enabled devices. Available for the ObSys and Commander product ranges.

Interface name: IPBUS

### ***North XOM Meter Logger***

Connects to North's Extensible Object Model, and is used to enhance simple counters. MeterLog reads the counter of units used (e.g. kWh) periodically, then calculates and logs the number of units used within each half-hour period.

Interface name: METERLOG

### ***North XOM Programmable Control***

Provides configurable process control, using ObVerse, for devices connected to North's Extensible Object Model. Available for the Commander, Compass and ObSys product ranges.

Interface name: OBVENGINE

### ***North XOM Shared Token Database***

Provides security information on up to 2000 users to other object software via North's Extensible Object Model. Available for the Compass, Commander and ObSys product ranges.

Interface name: TOKENMAX

### ***North XOM Transfer Interface***

Transfers up to 1000 values from one place to another, providing a simple method of performing integration of control within North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: TRANSMAX

### ***North XOM User Data***

Connects to North's Extensible Object Model, and holds pages of information about engineer-defined topics. Available for the Commander, Compass and ObSys product ranges.

Interface name: USERDATA

## North Interface List

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### *North XOM User Locator Database*

Provides security and location information on up to 2000 users to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: LOCATOR

### *Trend Control Systems IQ Time Zone expansion module*

Connects to North's Extensible Object Model (XOM), provides an expanded 56-day calendar for up to 64 Trend IQ controller time zones. Available for the Compass and ObSys product ranges.

Interface name: TRENDZN

## Telephones Systems

### *Complus Teltronic GE 100 Intercom*

Links the Complus Teltronic GE 100 central Intercom Server to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: COMPLUS

### *European Selective Paging Association (ESPA) 4.4.4 protocol*

Links paging equipment that supports the ESPA 4.4.4 protocol to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: ESPA444

### *North XOM SMS Portal*

Provides a link between the North's Extensible Object Model, and the GSM Short Message Service (SMS) facilities of mobile telephones. Available for the Compass and ObSys product ranges.

Interface name: GSMSMS

### *PABX Systems with CDR output*

Links PABX systems supporting the CDR (Call Data Recording) output to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: PHONE AND PHONEMEM

### *PABX Systems with DTMF input*

Links PBX systems supporting DTMF (dual-tone multi-frequency) message input to North's Extensible Object Model. The interface acts as a phone dialler to trigger events within a compatible PBX.

Interface name: TELDIAL

### *RF Solutions Radio Modems*

Provides a link from RF Solutions FM 433 MHz Radio Modem and North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: RMMASTER AND RMSLAVE

### *Telocator Alphanumeric Protocol (TAP)*

Links paging services that support the Telocator Alphanumeric Protocol (TAP) to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: TAP

## UPS Systems

### *APC Silcon UPS*

Links an APC Silcon Series uninterruptible power supply (UPS) to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: SILCON

## North Interface List

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### ***APC Smart and Matrix UPS***

Links American Power Conversion's Uninterruptible Power Supply (UPS) range using the UPS-Link communications protocol, to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: APC

### ***Cover Partner UPS***

Links Cover Partner's Uninterruptible Power Supply (UPS) to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: COVERPARTNER

### ***Deltec Power Systems UPS***

Links Fiskars/Deltec Power Systems, now part of Powerware Corporation, products to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: FISKARS

### ***Exide Electronics UPS***

Links Exide Electronics UPS products to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: EXIDEUPS

### ***Exide Electronics UPS with BCM protocol***

Links Powerware Corporation (previously Exide Electronics, and IPM) products supporting the Binary Computer Mode (BCM) protocol to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: EXIDEBCM

### ***Exide Electronics UPS with P-Record protocol***

Links Powerware Corporation (previously Exide Electronics, and IPM) products supporting the P-Record protocol to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: EXIDEPR

### ***Fiskars Power Systems UPS***

Links Fiskars/Deltec Power Systems, now part of Powerware Corporation, products to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: FISKARS

### ***Hitzinger Powercon System***

Links the Hitzinger Powercon system to North's Extensible Object Model. Hitzinger Powercon system includes alternators, converters, diesel-generators and UPS systems. Available for the Compass and ObSys product ranges.

Interface name: HITZINGER

### ***Invertomatic Telecontrol UPS system***

Links to Invertomatic Telecontrol UPS system to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: IMTELE

### ***Liebert Datawave PDU***

Links an Liebert Datawave PDU to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: LBRTDTWV

### ***MegaTec compatible Advance-Intelligent UPS***

Links the MegaTec compatible Advance-Intelligent UPS, such as the Meissner MP110 UPS, to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: MEGATEC

## North Interface List

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### ***Meissner MP100 Series UPS***

Links the MegaTec compatible Advance-Intelligent UPS, such as the Meissner MP110 UPS, to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: MEGATEC

### ***Meissner MP3000 Sentinel Series UPS***

Links the Meissner, part of Alstom South Africa, MP3000 Sentinel series UPS to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: MEISSNER

### ***Newport Data Systems Cellwatch 2 software***

Links the Newport Data Systems Cellwatch 2 software, a battery monitoring software package running on a standard IBM PC/AT-compatible computer, to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: NEWPORT

### ***Powerware Corporation UPS with BCM protocol***

Links Powerware Corporation (previously Exide Electronics, and IPM) products supporting the Binary Computer Mode (BCM) protocol to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: EXIDEBCM

### ***Powerware Corporation UPS with P-Record protocol***

Links Powerware Corporation (previously Exide Electronics, and IPM) products supporting the P-Record protocol to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: EXIDEPR

### ***Socomec Sicon Delphys UPS***

Links a Socomec Sicon Delphys DS uninterruptible power supply (UPS) to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: SOCODEL

### ***Uninterruptible Power Supplies PowerWAVE UPS***

Links an Uninterruptible Power Supplies Ltd PowerWAVE 2000, 3000, or 5000 series UPS to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: POWERWVE

## **Variable Speed Drives Systems**

### ***ABB ACS 500 (SAMI GS) frequency converters***

Links a network of ABB SAMI GS compatible frequency converters to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: SAMIGS

### ***ABB ACS 600 variable speed drives***

Links slave devices supporting the JBus or ModBus open protocol to the North Extensible Object Model. Available for the Commander, Compass and ObSys product ranges.

Interface name: JBUS

### ***ABB DCS variable speed drives***

Links slave devices supporting the JBus or ModBus open protocol to the North Extensible Object Model. Available for the Commander, Compass and ObSys product ranges.

Interface name: JBUS

## North Interface List

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### *Alldales Drive Systems Gemini GV frequency converters*

Links a network of ABB SAMI GS compatible frequency converters to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: SAMIGS

### *Danfoss VLT 3500 Frequency Converters*

Links a network of Danfoss VLT 3500 frequency converters (variable speed drive controller) to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: DANVLT35

### *Danfoss VLT 6000 Frequency Converters*

Links a network of Danfoss VLT 6000 frequency converters to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: DANVLT60

### *Siemens SED2 Variable Frequency Drives*

Links a network of up to 31 Siemens SED2 variable frequency drives (VFD) to North's Extensible Object Model. Compatible with drives supporting the Siemens USS protocol, which includes the SED2 range.

Interface name: SIEMENSUSS

## Water Leak Detection Systems

### *Andel Floodline 128 Leak Detection System*

Links the Andel Floodline 128 leak detection system to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: ANDEL

### *TraceTek SIM/TTDM Leak Detection*

Links slave devices supporting the JBus or ModBus open protocol to the North Extensible Object Model. Available for the Commander, Compass and ObSys product ranges.

Interface name: JBUS

### *Veeder-Root TLS series tank-monitoring system*

Links Veeder-Root TLS series of tank measurement and monitoring systems to North's Extensible Object Model. Available for the Compass and ObSys product ranges.

Interface name: VEEDER