

# MEU

## OSI's Modem Extension Unit

OSI's **MEU** (Modem-Extension-Unit) is a highly versatile serial communications control solution. **MEU** is specifically designed to allow for the interface of legacy, bit-oriented field devices with modern, byte-oriented communications equipment; as well as providing complete control over all RS-232 signals.

**MEU** presents an elegant maintenance interface that allows for exceedingly simple field configuration and firmware upgrades. **MEU**'s configuration interface is universally compatible with all terminal software and enables complete access to all serial, protocol and signal conditioning options.

### Supported Bit-Oriented Protocols

- Betac
- CDC Type I/II
- Conitel C2020/C2025/C300
- MPS 9000
- Westinghouse REDAC 70H/70D/DE
- Rockwell 5010
- Vancomm
- TRW
- Etc.

### Salient Features of OSI's MEU

- Serial Data Conversion
- Support for Rates Ranging From 50 to 115,200 Baud
- Full RS-232 Signal Control
- Easy Set-up and Field Configuration
- Field Upgradability
- Signal Conditioning and Baud Rate Correction
- Rack-Mount and Stand-Alone Deployment Options
- Low Cost/High Quality

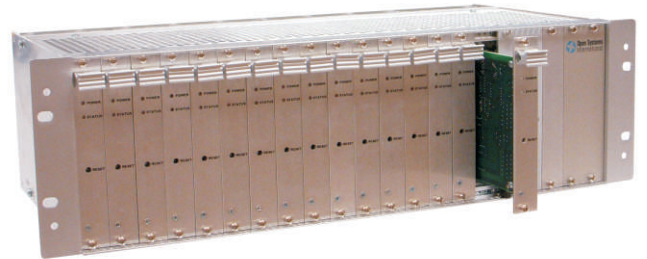
As a modular hardware solution, **MEU** can be individually deployed on OSI's standalone (**SOLUS**) field units, or installed collectively on OSI's 16-slot **RackMount** chassis platform; ideal for clean deployments in control centers and communications rooms.

OSI's **SOLUS** platform is a reinforced standalone hardware chassis, specially engineered to withstand the extreme conditions encountered at field RTU installations.



### Standalone MEU (SOLUS) Specifications

- Ports: (2) RS-232 Serial Ports
- Height: 1.15 inches (29.2 mm)
- Width: 7.2 inches (182.5 mm) with mounting flanges
- Depth: 9 inches (228 mm)
- Operating Temperature Rating: -40 to 80 degrees C (-40 to 176 degrees F)
- Voltage Range: 9 to 36 VDC
- Maximum Power: 3W



### RackMount Specifications

- **MEU** Card Capacity: (16) Slot Chassis
- Height: 5.25 inches (133 mm)
- Width: 19 inches (482 mm)
- Depth: 8.625 inches (222 mm)
- Operating Temperature Rating: 0 to 70 degrees C (32 to 158 degrees F)
- Voltage Range: 100-240VAC, 47-63Hz
- \*Redundant Power Supply option available.
- Maximum Power: 40W

Product specifications in this document are subject to change without notice.