

Megaplex-4

# MS-UB

## Multiservice Virtualization Platform



- X.86 server module
- Easy installation of customer software on x.86 server
- Integration into Megaplex-4 system

Part of the Megaplex-4 Multiservice Modules family, MS-UB adds virtualization capabilities to Megaplex-4, enabling users to install any SW running on Linux Ubuntu release (for example, hypervisor or various VNFs) running on an x.86 server card. Users may develop and release their own customized functions embedded in the Megaplex-4 system.

Custom SW on MS-UB benefit from interfaces and services provided by Megaplex-4.

The module occupies two module slots in the Megaplex-4 chassis.

### MARKET SEGMENTS AND APPLICATIONS

MS-UB addresses multiple verticals, such as power utilities or military applications.

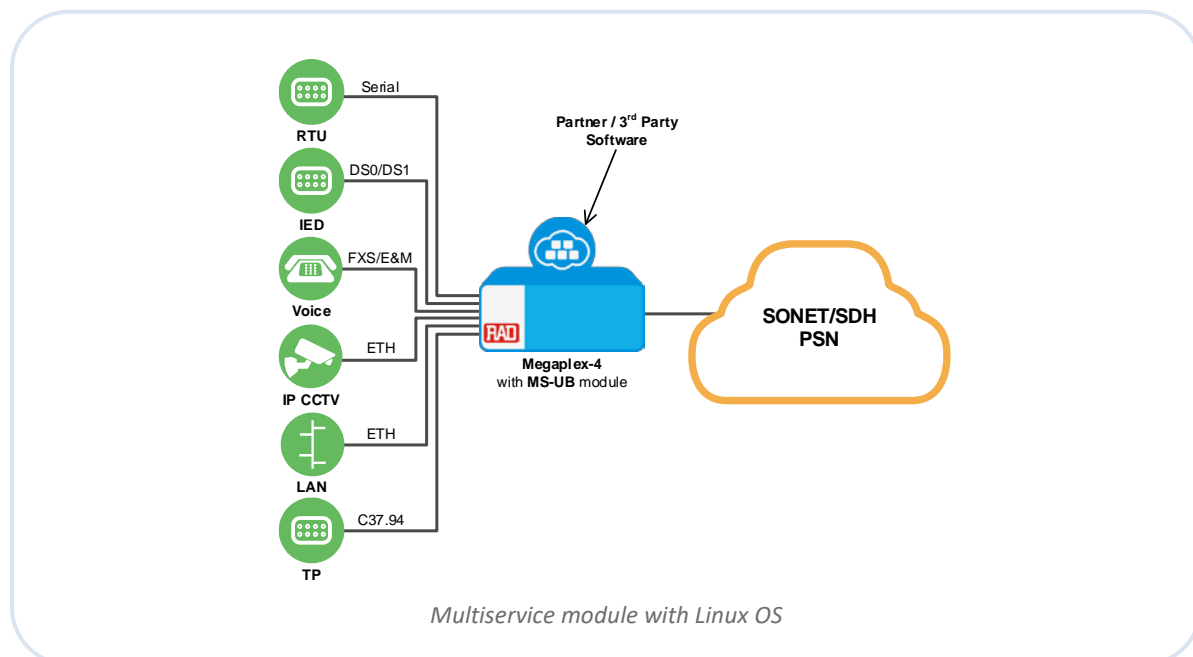
### OPEN X.86 PLATFORM

The x.86 server card is delivered with an Ubuntu OS and the users can install their application on this Linux distribution.

Alternatively, users can install any other image (Linux distribution, application or virtual machine).

### MANAGEMENT AND SECURITY

Customers can also install their own management interface which can be CLI, web or other. The exact management capabilities are defined based on the customer application. Using RADview with Megaplex-4, customers can create services on regular (non-MS) Megaplex modules.



# MS-UB

## Multiservice Virtualization Platform

### Specifications

#### X.86 SYSTEM

##### Processor

Intel Atom® Processor **C2358 @1.7 GHz**

Intel XEON-D 8 Cores **D-1537 @ 1.7GHz**

##### RAM

4 GB

##### Hard Drive

128 GB, SSD-based storage

#### USB PORT

##### Type

USB2

##### Max Feeding Power

2.5W

##### Voltage

5 VDC

##### Max current

0.5A

#### CONTROL PORT

##### Interface

RS-232, UART

##### Baud Rate

115200 bps

##### Connector

RJ-45

#### GENERAL

##### Linux OS

Linux Ubuntu distribution version 16.04.3 LTS

##### LED Indicators

RDY (green): The module is up and running

##### Power Consumption

35W max

##### Environment

Operating temperature:

-10°C to 55°C (14°F to 131°F)

Storage temperature: -20°C to 70°C (-4°F to 158°F)

Humidity: up to 95%, non-condensing

### Ordering

#### MP-4100M-MS/UB/R2C

Megaplex-4 multiservice virtualization module, Intel Rangeley ATOM 2-core processor

#### MP-4100M-MS/UB/X8C

Megaplex-4 multiservice virtualization module, Xeon D 8-core processor

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