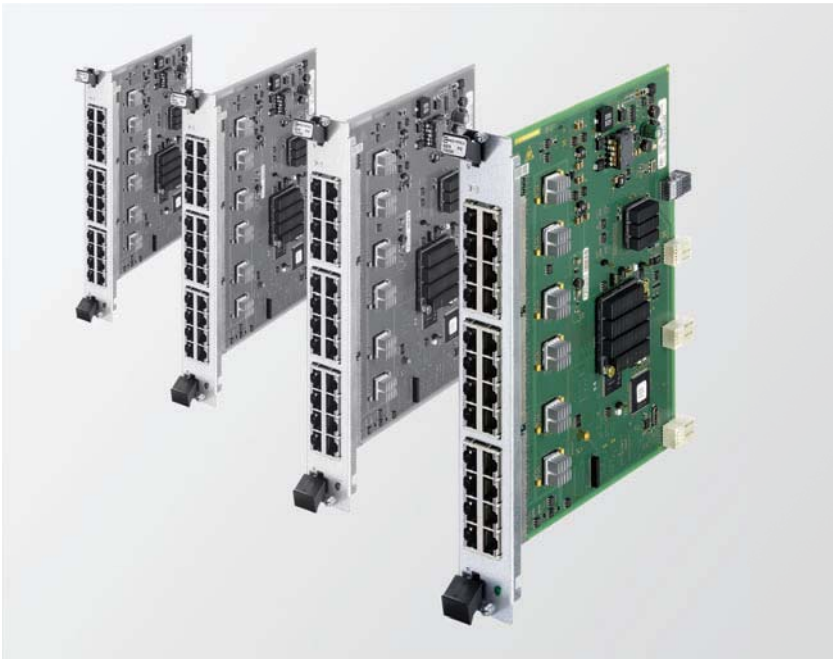


MileGate SUE18

The high-density Ethernet unit provides 24 Gigabit Ethernet ports with advanced switching functionality for dedicated networks



- 24 x 10/100/1000Mbps electrical Ethernet interfaces
- High port density with up to 240 interfaces per subrack
- Supports MileGate chassis switch architecture
- Layer 2 switching
- For MileGate 2510 and 2310 Subracks
- 10Gbps access to the backplane
- For indoor and outdoor deployment
- Supports fanless operation
- All functions out of one network management system

The SUE18 Ethernet unit provides 24 electrical Gigabit Ethernet interfaces with comprehensive features and high standards for applications that require a reliable data transmission. The SUE18 may be used for various services as LAN interconnection or voice, and video transmission.

MileGate in conjunction with SUE18 is a modular Ethernet switch with powerful switching capacity. With it, you can start with a small installation and expand the switch flexibly from 24 up to 240 interfaces.

■ High-speed Ethernet

SUE18 provides high bandwidths of up to 1000Mbps via standard RJ45 connectors. Each of the electrical Ethernet interfaces can be configured individually.

With the unit high-density Ethernet access nodes can be realised. With its 10 GbE backplane access, sufficient bandwidth can be delivered for each port. So a wide range of Ethernet applications can be realised, from standard LAN connections up to mission-critical Ethernet data transmission.

■ Chassis Switch Architecture

SUE18 is part of MileGate chassis switch architecture. This means, that MileGate acts as one switch with one IP address and expandable number of ports. Every inserted Ethernet unit will expand the switch. With it you can adapt your access node to the local demands.

SUE18 in MileGate delivers advanced Ethernet functionalities such as traffic prioritization, VLAN tagging, MSTP, and Ethernet Protection Switching (available in core unit).

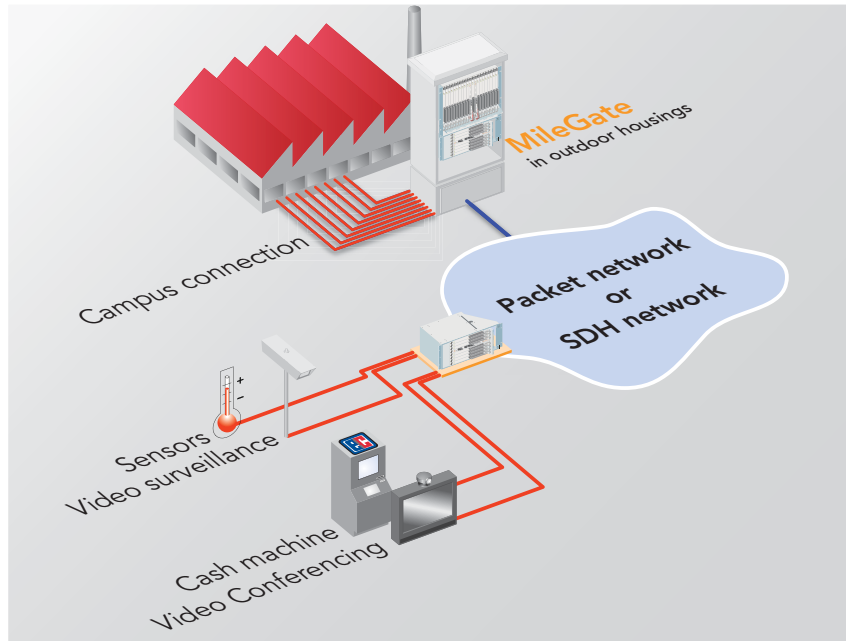
Ethernet data aggregated on SUE18 can also take advantage of the different MileGate multi-service capabilities and the variety of interfaces and transport technologies, e.g. optical and electrical Ethernet and the SDH uplink via Ethernet over SDH.

■ Safety Concept

MileGate offers highest reliability and quality. For this purpose all modules come with an onboard power supply and high MTBF values.

■ Management System

The MileGate management and the variety of services are administrated centrally by a variety of network management interfaces. Operators save costs and accelerate the provisioning process with only one element manager for all services.



Applications with MileGate and SUE18

Technical Data

Data Transmission	
Number of ports	24 x 10/100/1000Mbps
Connector	RJ45
Ethernet Functionality	
Supported protocols	Link Aggregation Control Protocol (LACP), (with future firmware update) Multiple Spanning Tree Protocol (MSTP) Rapid Spanning Tree Protocol (RSTP)
VLAN	Ethernet Ring Protection Switching (ERPS) (in core unit) VLAN tagging (IEEE 802.1Q), port-based VLANs Modes 1:1 or n:1 Double Tag VLANs (Q-in-Q) according to 802.1ad
Class of service	CoS (IEEE 802.1p)
General	Synchronous Ethernet ready (with future firmware update)
Further Hardware Information	
MTBF	50 years at 35° C
Module width	2 Slots
Management	
ECST	For local management and offline configuration
UNEM	For central management
Power Supply	
Input voltage nominal (min/max)	-48/-60 V DC (-39.5 V DC ... -72 V DC)
Operation Environment	
Temperature range and humidity	According to MileGate environmental specifications



Looking for more information?
Find your local contact on www.keymile.com
or contact us: info@keymile.com ...