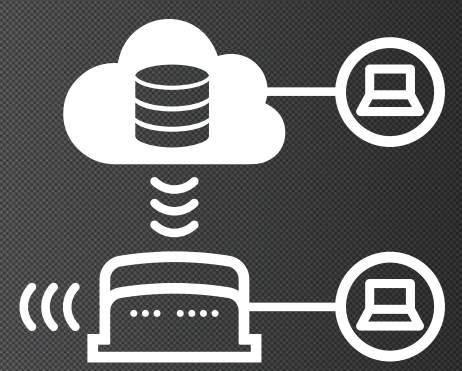




CloudGate

CONNECTING THINGS to the Cloud

- Simple, value priced Ethernet-based gateway
- Automatic connection monitoring and error recovery
- Secure, redundant firmware and configuration images
- Unique software and hardware configuration flexibility
- Automatic provisioning of custom middleware
- Flexible expansion cards for your specific requirements



Combined with CloudGate's unique flexible hardware options and automatic software and configuration provisioning the CloudGate Ethernet Gateway fits perfectly into industrial telematics, utilities, financial services, environmental monitoring and general connectivity applications:

- As a DIN rail mounted Industrial Server:
 - 450Mhz ARM9 processor,
 - Automated software deployment and SDK;
- Industrial Ethernet Gateway:
 - Range of hardware option adding serial, USB, I/O connectivity,
 - Flexible event based reporting software for linking to existing servers;
- Industrial Ethernet Switch:
 - 4 port Ethernet switch card with option POE and SD card storage,
 - Provides 4 + 1 Ethernet router/switch;
- Industrial I/O Expander:
 - Telematics card provides flexible digital and analog I/O along with serial, and USB connectivity.

CloudGate's hardware development kit allows the creation of customized solutions by our partners and customers to address the specific needs of their solutions.

Reliable and secure

CloudGate provides a secure and reliable gateway platform with a rich set of routing functionality backed up with state of the art process monitoring and secure software deployment.

Also available



WLAN expansion card



Low cost serial card



Industrial serial card



Ethernet switch



Telematics card



3G CloudGate



Developer card



Breadboard card



SDK + HDK

Features	Sub Feature	Description
Visual feedback		<ul style="list-style-type: none"> • Color LEDs showing system status
CPU		<ul style="list-style-type: none"> • ARM926EJ-S @ 450MHz • Memory available for customer applications: <ul style="list-style-type: none"> - 30 Mb R/O flash for executables - 30 Mb R/W flash shared with system - 40 Mb free RAM - 1 Mb Configuration data
Ethernet (IEEE 802.3)		<ul style="list-style-type: none"> • 10/100 Mbps RJ45 Connector
Expansion Slot 1 & 2		<ul style="list-style-type: none"> • Expansion board for IO functions such as serial, USB, GPIO, WiFi
Power	DC Power in	<ul style="list-style-type: none"> • 9-33 V DC
	Connector type	<ul style="list-style-type: none"> • Micro-Fit 3.0™, Dual Row, 4 Circuits
Case	Current consumption	<ul style="list-style-type: none"> • All measurements at 12V DC • Processing data: 120 mA • Idle data: 100 mA
	Dimensions (w x d x h)	<ul style="list-style-type: none"> • 115 mm × 105 mm × 45 mm
	Weight	<ul style="list-style-type: none"> • 282 g
Enviromentals	Mounting	<ul style="list-style-type: none"> • 6 through holes for M4 bolts - 2 x 2 compatible with VESA Mount MIS-D 75 (Optional standard DIN rail mounting interface)
	Operating temperature	<ul style="list-style-type: none"> • -30°C to 70°C
	Storage temperature	<ul style="list-style-type: none"> • -40°C to +85°C
Certification	Humidity operational	<ul style="list-style-type: none"> • 5% - 95% non condensing
		<ul style="list-style-type: none"> • FCC • IC • CE
Standards compliance		<ul style="list-style-type: none"> • ROHS, Reach

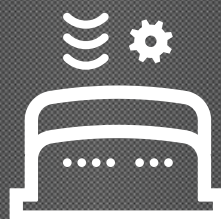
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1. Define start-up configuration on CloudGate provisioning server



2. Configuration and any custom middleware are automatically installed



3. Device is ready to connect things to the Cloud!

