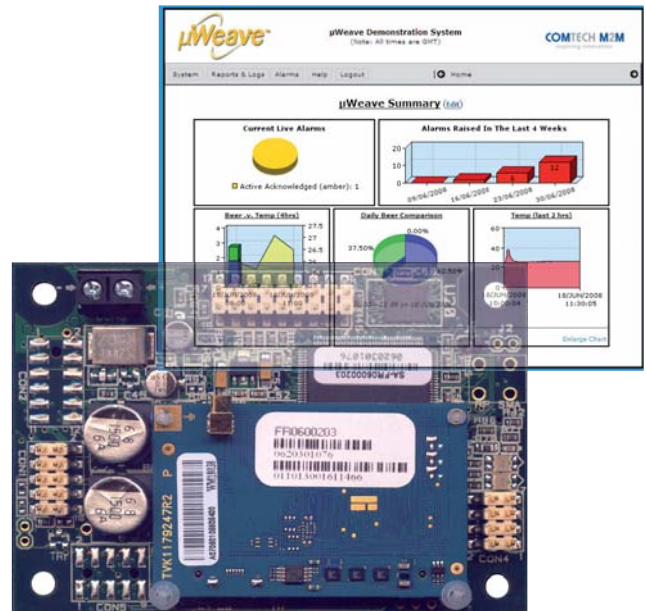




μWEAVE system

M2M platform for automatically monitoring remote machines and equipment via the Internet.



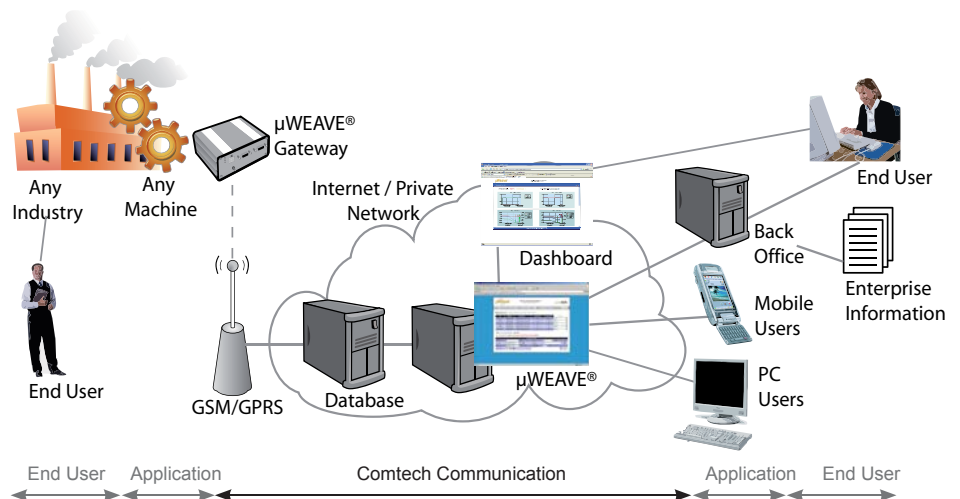
- Robust communication solution to manage any remote machine!
- Complete end-to-end system - hardware, software and services!
- Designed for rapid deployment and least risk!

overview

μWEAVE enables the status of remote machines to be monitored and configured at a central location on the Internet using a standard PC browser. It is a communication platform, enabling Original Equipment Manufacturers (OEMs) and Value Added Resellers (VARs) to integrate, tailor and deploy their connected applications within weeks! It comprises hardware, software and services suited to any application.

solution

μWEAVE automates data collection from remote devices, processes alarms and provides automated notifications by email or SMS when exceptions occur. Understand real-time status of remote machines through configurable online reports, enabling you to consolidate and compare machine information across sites and end users at the enterprise level. μWEAVE is available under private label to complement your own brand. OEM's are able to embed it direct into their machines. System integrators and VARs are able to monitor legacy machines in their chosen market. Simply configure the system to meet your application needs and deploy!



benefits

- Fast response to field problems
- Reduced downtime
- Efficient maintenance operations
- Rapid Return on Investment
- Reduced operational costs
- Ongoing monthly revenues
- Increased customer service
- Rapid deployment
- Increased revenues
- Proven and robust solution

- μWEAVE Gateway - Intelligent GSM/GPRS gateway enabling the remote machine to communicate reliably with the μWEAVE software via the GSM/GPRS network and the Internet. It offers data logging, alarm processing, scheduling, configuration and robust communication.
- μWEAVE Software - Web-based hosted monitoring application offering management of machines via the Internet. It provides resilient communication, centralised database, alarm processing, automated notification, reporting, configuration, network administration and an Enterprise level interface.
- Dashboard – Web-based dashboard offering custom presentation of information to suit client and application specific needs.
- μWEAVE Services – Managed service wrapping up application hosting, SIM and data provision, maintenance, licensing and consultancy.

specifications

μWEAVE GSM/GPRS Gateway

- Serial interface to the machine
- Data logging of machine status
- Alarm checking
- Scheduling
- Configuration
- Database communication
- GSM/GPRS Modem
- Internet connectivity

μWEAVE Software

- Remote communication
- Central database storage
- Alarm processing & notification
- Reporting (user configurable)
- Centralised configuration
- Network administration
- Application-tailored dashboard
- Back-office application interface
- Dashboard

μWEAVE Services

- μWEAVE private label set-up
- Monthly hosting and support
- Monthly usage and licensing
- SIMs and data services
- Consultancy
 - Back-office interfaces
 - Reports
 - Dashboards
 - System integration
 - Training

μWEAVE has been developed for rapid deployment, enabling businesses to make a "step change" in growth without risk!

- **Improved equipment maintenance** operations enable a business change from reactive to predictive and preventative maintenance
- **Fast response to problems** minimises downtime and improves customer service
- **Equipment rental and lease equipment** enhanced management reduces losses and enables charges to be levied on usage and abuse
- **Stock and consumable replenishment** real-time knowledge aids inventory management
- **Supply chain management and logistics** operations become more efficient

- **Asset audit trails and tracking** helps to fulfil regulatory obligations e.g. Sarbanes-Oxley, health and safety, European working time directive, HACCP
- **Enhances managed service-based offerings** for ongoing revenues e.g. wrapping maintenance with the product, supplying consumables, pay-as you-use, equipment rental and lease business models
- **Facilitates business change management** in the work place as business processes, job roles and business models change to embrace service growth

related documentation

- μWEAVE Product brief
- μWEAVE Gateway design manual
- μWEAVE Brochure
- AT-Command Manual
- Whitepaper
- Application notes
- Application examples
- μWEAVE Command line Manual

ordering information

Order code	Description
FG000XX	μWEAVE Software Set-up
FR06000203	μWEAVE Gateway 1000 Quad band ROHS
FG000093	μWEAVE Gateway 1000 (850/1900Mhz) FCC (Approved for the Cingular Network)
Contact Comtech	μWEAVE Annual Support Service
	μWEAVE Monthly Hosting Service
	μWEAVE Monthly Usage and Licensing Service
	SIM's and data services
	Consultancy services

accessories

Order code	Description
OEM-GSM-A10	Standard MMCX cellblock antenna
GSM-ANT-002	Standard male SMA stub antenna
GSM-ANT-006	Standard SMA wall-mount dipole antenna
CABLE-004	PCB mount MMXC to female SMA cable

about Comtech M2M

Comtech M2M is the UK's leading machine to machine (M2M) communication company. M2M is the ability to connect remote devices with central IT systems and business processes without human intervention. Comtech M2M has created a robust communication platform for monitoring, controlling and managing any remote equipment across wide ranging industries. *extra...* is a wireless digital signage application that operates on the proven wireless communication infrastructure.

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COMTECH M2M
inspiring innovation

contact

Comtech M2M, Amscreen House,
Paragon Business Park, Chorley New Road,
Horwich, Bolton, Lancashire, UK, BL6 6HG
T +44 (0)1204 664330 F +44 (0)1204 664334

sales@comtechm2m.com www.comtechm2m.com

