

## M2M Division



Acal BFi is Europe's leading supplier of specialist technologies and services focusing on nine niche technology areas; Communications, Power & Magnetic Components, Specialist Semiconductors, Microsystems, Photonics, Imaging, Sensors, Connectors and Human-Machine interface.

Our manufacturer trained, technically qualified Field Sales Engineers will be able to assist you in all aspects of your design, enabling you to turn your ideas into reality.

Serviced by our modern ISO9001:2008 approved logistics centres, Acal BFi is able to offer a variety of client specific logistical services including : VMI (Vendor Managed Inventory), EDI processing, tape and reeling, customer-specific bar-coding, Kan-Ban/ship-to-line processes, kitting and assembly and flexible shipping arrangements.

For device selection advice, specific component details and sales enquiries, see how Acal BFi can help.

**Milton Keynes Tel :  
01908 326326**

**Wokingham Tel :  
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Certificate No. RS 00402  
QMS ISO 9001:2008

# M2M Division



Wide range of licence-free radio modem solutions for standalone or OEM applications. Stand-alone solutions include Data modems, Wi-Fi gateways, Bluetooth® dongles and status transfer devices with ranges upto 6km. OEM modules include Class 1 & Class 2 Bluetooth® modules, transmitters, receivers and transceivers suitable for embedding into any appliance. The flagship OEM module is TWIMO, a licence-free modem that can be used as a serial-to-RF gateway or as a user programmable device. All products are compliant with relevant standards.

## Amphenol®

Amphenol Infocom is a global leader in providing Interconnect products to the Wireless infrastructure, Broadband Communications, Military, Aerospace, Industrial, Automotive and M2M market Sectors.

M2M products include :

- RF cable assemblies
- RF Connectors
- Antennas
- SIM & media card holders
- Commercial and ruggedised Rj45, USB & DSUB connectors



Enabler III and Enabler HS 1000 low power 2G/3G modems covering quad-band GSM/GPRS/EDGE and tri-band UMTS/HSPA available in connectorised and surface-mountable packages.



Industrial grade embedded GPS/A-GPS modules with high sensitivity (-159dBm) and enhanced RF jamming immunity. Versions optimized for location and timing applications.

## LANTRONIX®

Lantronix is an industry leader in external and embedded solutions to connect ,control and monitor virtually any piece of electronic equipment via the internet. Using a serial interface, Lantronix offers secure communications to Ethernet or WIFI.

- Quick and easy integration to legacy products or new designs.
- Choice of RS232/RS485 and Modbus Interfaces.
- Proprietary or Linux OS



Wide range of ICs for development of RF systems in the 27MHz to 1GHz range including Transmitters, Receivers and Transceivers with FM, FSK or ASK modulation schemes optimized for OEMs developing wireless systems operating in the ISM bands (433, 868 & 915 MHz). RFID Transponders and Transceivers.



Microchip provides low power wireless solutions for ZigBee®, Wi-Fi and Microchip's proprietary MiWi™ Development Environment. Current wireless products include 2.4 GHz IEEE 802.15.4, IEEE 802.11 and Sub-GHz radio transceivers and certified transceiver modules.



OriginGPS – Small form-factor GPS modules (complete with patch antennae) for consumer applications.



Wide range of GSM/GPRS/3G, GPS and combined GSM/GPRS/3G and GPS antennae.



A leading provider of wireless communications modules in the Cellular, GPS and ISM Band Radio for the M2M market.

- GSM/GPRS/EDGE/WCDMA/HSPA/TD-CDMA
- GPS
- ISM Band Radio

	AdeunisRF	Amphenol Infocom	Enfora	i-Lotus	Lantronix	Melexis	Microchip	OriginGPS	Plantec	Simcom
2G Modules GSM/GPRS/EDGE			•							•
3G Modules UMTS/WCDMA/HSPA			•							•
Antenna		•							•	
Bluetooth	•						•			
Ethernet/WiFi	•				•		•			
GPS - Position				•				•		•
GPS - Timing				•						
LPR/ISM/2.4GHz modules	•					•	•			•
RFID						•				
RF Cable Assemblies & Connectors		•								
Serial-Ethernet	•				•					
Simcard Holders		•								

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