FACT SHEET

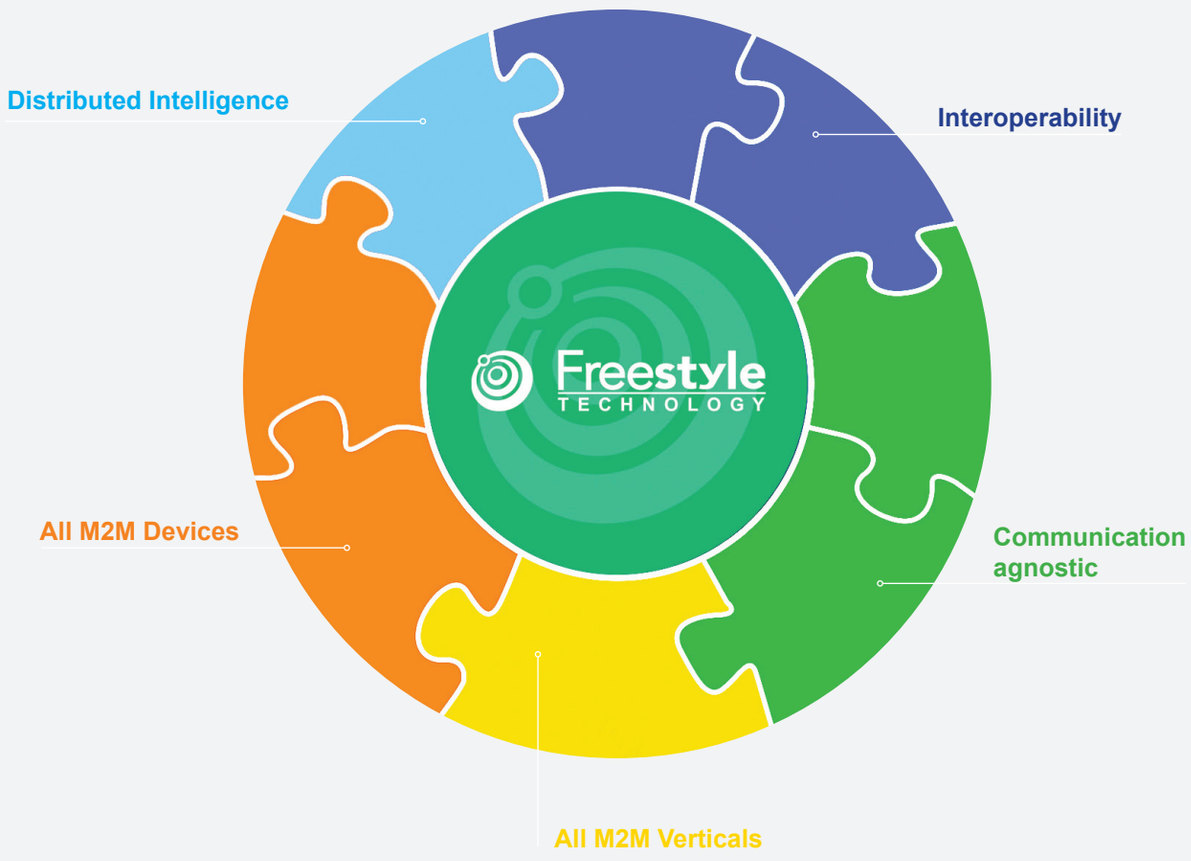
Freestyle Microengine (FME)

Making M2M *Intelligent*

The Freestyle Microengine (FME) provides an open application partition environment. Benefits include:

- Access for multiple stakeholders all the way to the end-point;
- Intelligentcustomerspecificapplications downloaded to the end-point after installation.
- Decision making end-points.
- Device interoperability via the application layer.
- Distributed Automation
- Distributed Intelligence

The Complete Solution



TECHNICAL DATA

Freestyle Microengine (FME)

Making M2M *Intelligent*

Freestyle's Microengine provides an open application partition that does not rely on programming the hardware directly. It allows applications to be written and transferred to the device after installation.

Freestyle's Microengine is support by a Management server that supports:

- download of applications to FMEs;
- configuration of FMEs, applications and remote FMEs;
- receipt of data from remote FMEs;

The Management server can simultaneously control and manage millions of Freestyle engines utilising different communication methods.

Freestyle enabled devices can communicate through different communication infrastructure such as 3G and Ethernet. This provides a platform that lets a device's application program send and receive data to and from other Freestyle enabled devices. All communications between FMEs and between FMEs and the Management Server are encrypted.

SPECIFICATIONS				
Operating Systems				
Freestyle OS, Linux				
Processors				
Ralink RT5350 and EM250				
FME Meter Support				
Type	*Serial to Ethernet*	*2G and 3G*	*ZigBee 802.15.4*	*WiMax*
Landis+Gyr EM1200	●	●		
GE Intellix SM110	●			●
EDMI MK3	●			
Secure (PRI) i-Credit 400	●			
Itron Sentinel	●	●		
Elster (water) V200			●	
YL (gas) ICM1200			●	
EPC (gas) MicromTek			●	
Communication				
2G, 3G, LTE (planned), Mesh, Ethernet, CDMA2000, Coronis, ZigBee, Serial				
Power				
Integrated Power Management System for: Powered and Battery devices				

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