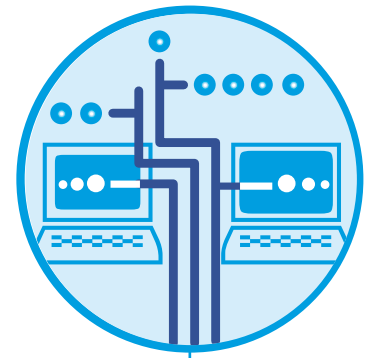


INTERCONNECT  
MACHINES NOW!



wireless appliances networking system  
**wanesy**<sup>®</sup>

wanesy<sup>®</sup> is a powerful networking system to meet all the requirements of customers wishing to deploy powerful, reliable and economical m2m applications rapidly.

●●●●● **Architecture**

→ Fleet management

→ Vehicle telematics

→ Road traffic information

→ Mobile data collection

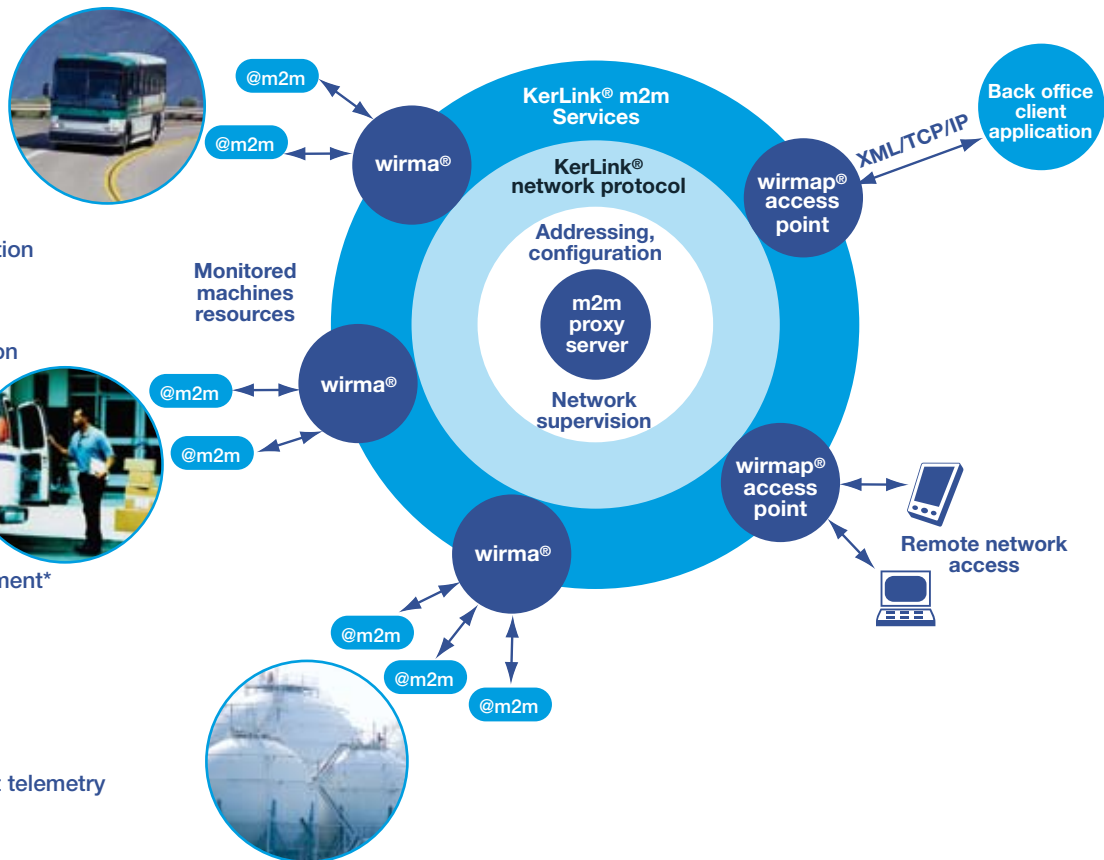
→ Remote patient monitoring

→ Equipment management\*

→ Vending machines

→ Industrial equipment telemetry

\* printers, photocopiers...



●●●●● **Added value**

**Network architect**

➤ **Powerful, flexible reliable architecture**

- Optimised data transfer for lower operating costs
- Maintains the communications links between the machines automatically
- Guaranteed data delivery
- Data security

**m2m application designer**

➤ **Reliable, optimised, transparent network**

- Building customised applications into m2m equipment
- Remote configuration
- Access to remote m2m resources
- Simplifies access to communications systems

**Systems architect**

➤ **Transparent, economical data collection**

- Simplified connection and accessibility to remote machines
- Standard communication software interfaces (XML/TCP/IP)

wireless appliances networking system

## ●●●●● KerLink<sup>®</sup> m2m Services

wanesy<sup>®</sup> is built on a centralised Peer to Peer architecture. Each element in the network can access transparently all the resources connected through an m2m proxy server specially designed by KerLink<sup>®</sup>

Features	Advantages
Automatic selection of the physical layer Maintains the m2m IP connection Guaranteed data delivery	Permanent virtual link, zero data loss Physical layer independence
Connection authentication Encryption included in the wanesy <sup>®</sup> protocol IP M2M VPN	Access security Secure transmission over public networks Independent of network equipment: NATs, FireWalls, routers
Optimised data transfer and on the fly compression	Minimum cost for transmission over public networks
Logical machine address Sub-network/m2m domain	Geographical independence for objects on the network Mobility of m2m objects
Service availability declaration Network supervision	Presence and identity checks Real time view of objects available
m2m data description Data transfer protocol between connected applications Download Over The Air	Applications data processing Rapid m2m network application development Remote maintenance, remote updates

## ●●●●● System components



### ➤ m2m proxy server:

Hardware or software server interconnecting the network resources

### ➤ wirma<sup>®</sup>:

Linux-based microcomputer for hosting embedded applications

### ➤ wirmap<sup>®</sup> (*wireless intelligent remote m2m access point*):

Hardware (wirma<sup>®</sup> based) or software system for remote access to the resources on the customer's machine network

## ●●●●● Added services

KerLink <sup>®</sup> services	KerLink <sup>®</sup> hosting services
<p>KerLink<sup>®</sup> has a network of experienced system integrators for designing m2m applications for its customers and integrating them into their information systems.</p> <p>KerLink<sup>®</sup> <b>NetWorking Development Kit</b> is a development platform for wanesy<sup>®</sup>.</p>	<p>KerLink<sup>®</sup> can host and administer private m2m networks:</p> <ul style="list-style-type: none"> <li>• m2m proxy server</li> <li>• Access points</li> <li>• wirma<sup>®</sup></li> <li>• SIM cards</li> <li>• Data centre</li> </ul> <p>Customers access their machines and data using a remote console and a supervision program with a WEB interface.</p>