



# meshnet<sup>+</sup> Network Control

## General description

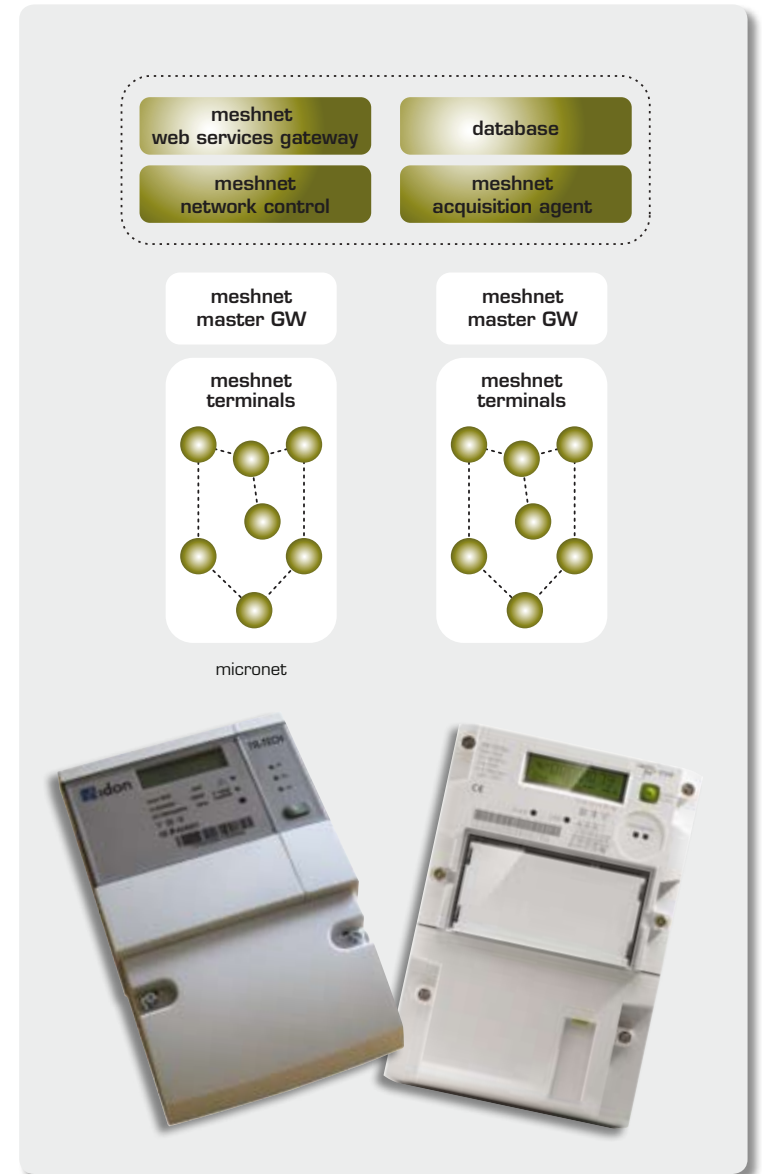
Meshnet Network Control is a key component for professional use of wireless Mesh technology. Real world embedded wireless networking requirements typically involve connecting geographically scattered sensors, control devices and data loggers. Large scale deployment and maintenance of such systems requires a powerful and integration friendly middleware.

Meshnet Network Control is originally designed for management of thousands of short distance radio devices. The product is however also well suited for small to medium size networks due to its highly automated network control engine. Integration to virtually any acquisition or monitoring system is possible via a high level web services interface.

Meshnet Network Control includes a powerful acquisition engine for collecting data from all terminals and populating a buffer database for fast acquisition from upper layer systems. Meshnet Network Control is written in JAVA and is therefore portable to virtually any platform. Network Control runs as an autonomous process in one or several instances depending on network size.

## Special features

- Manages abstraction of complex network topology and addressing schemas
- Enables utilization of a fully dynamic mesh networking model
- Portable over several server platforms
- High performance
- Scalable
- Integration friendly
- Transparent protocols allow for any IP based access communication, such as GRPS





# Product data

Feature	Value	Comment
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## GENERAL

Platform	JAVA JRE 1.5	
API	Web Services	
Database	Customization	Oracle, SQL server, MySQL
Max number of nodes per server instance	100.000	

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