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Network Control

General description

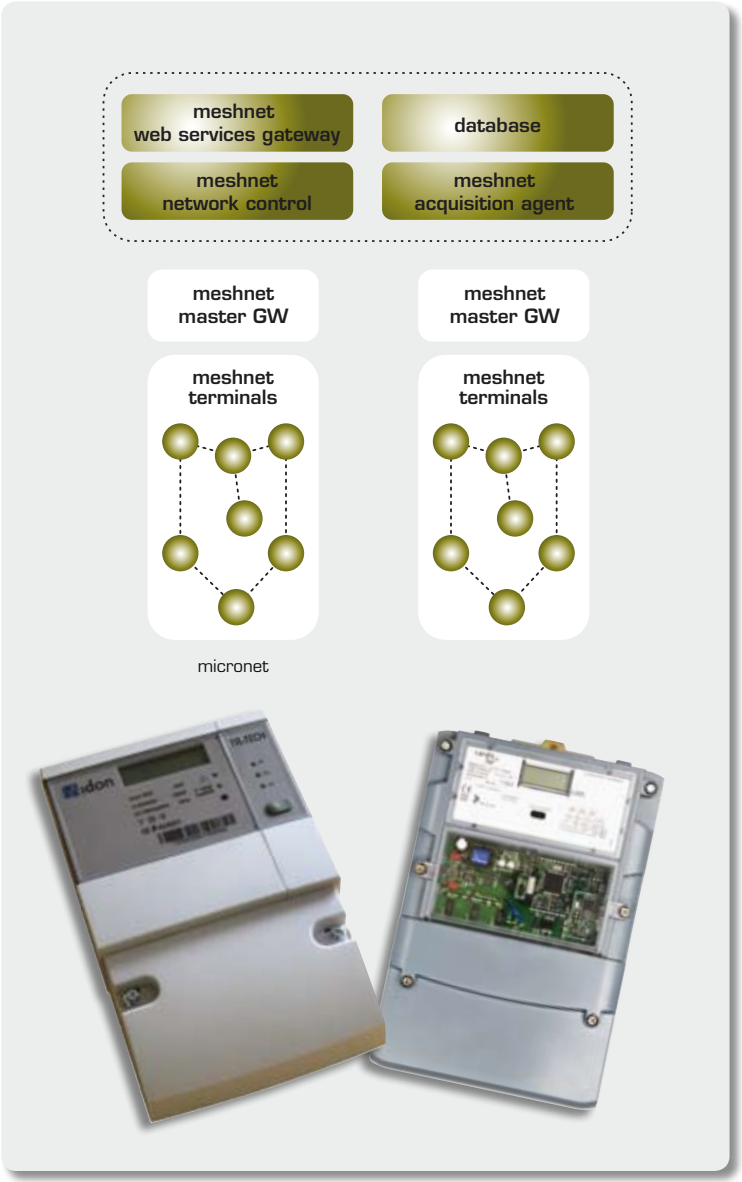
Meshnet Network Control is a key component for professional use of wireless Mesh technology. Real world embedded wireless networking requirements typically involve connecting geographically scattered sensors, control devices and data loggers. Large scale deployment and maintainance of such systems requires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



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Product data

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

Tri250_01_010_EN_A_Product Sheet Meshnet Network Control

Meshnetbytritech Meshnet is the result of more than 10 years of development and deployment of large-scale wireless mesh networks. In close cooperation with power network operators and electricity utilities, we have developed the concept of mesh networking into a quality solution for smart metering. Meshnet is a brand owned by Tritech Technology AB, a Swedish research and engineering company founded in 1991, with over 150 employees. Tritech's head office is located in Stockholm.

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