

## ZENNER Stealth Network Manager System

The **ZENNER Stealth Network Manager System** provides a powerful and easy to use set of tools for efficient deployment and management of MeshPlus Wireless Networks.

### Stealth Network Manager System

The Stealth Network Manager System utilizes a distributed management architecture with Management functions in the network devices, a management server and a management user interface at the operator's workstation. Management functions are integrated across the system while providing each entity with its own independent management component. Stealth Network Manager provides tools for both the mesh communications network and the application data.

### Network Visualization

Network Visualization tools locate devices of interest and help users plan site related maintenance. Visualization tools depict the flow of traffic through the mesh and help users understand the mesh robustness and capacity both generally and locally.

### Status/Fault Monitoring

Status tools identify, report and depict anomalies in the network. These include problems like low battery, device tampering, loss of AC power, antenna issues, and Water Conservation violations (water AMR). Current status as well as historical status are available. Stealth Network Manager also provides alarm acknowledgement, alarm claiming and remote alarm notification via text messages and email for proactive fault/alarm management.

### Configuration

Global configuration from the Stealth Network Manager operator interface provides for tuning both mesh behavior and application behavior. Configuration can set alarm thresholds, set data reporting intervals, set application schedules (water conservation), distribute and install new device firmware.

### Reporting

Graphical reports and charts ease the understanding and analysis of large data collections. Reports are available for mesh behaviors such as report delivery and message latency as well as for application interests such as water usage (water AMR). As the MeshPlus network is adapted to a new application area, additional report types appropriate for that application are added.

### Customization

Customization for OEM applications can include branding, specialized views, reports, alerts and integration with OEM application software.

