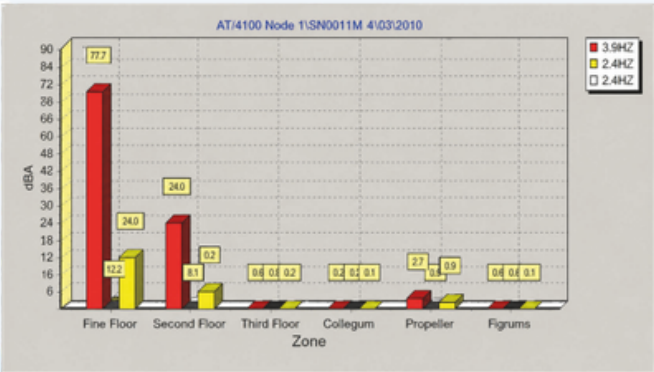
Product Specification Sheet
WNC-AST
Management Reports



WNC-AST
Management Reports

The WNC-AST software acts as the intelligence hub for a facility's wireless nurse call infrastructure. By capturing every event triggered within the wireless network—from call activation to reset—it compiles granular data into a centralized database. This information allows management to evaluate key performance indicators (KPIs), such as average response times and call frequency, which are essential for optimizing staffing levels and maintaining high standards of patient or resident care.

Architects' and Engineers' Specifications

"The contractor shall provide a comprehensive nurse call management software suite (WNC-AST or approved equivalent) for installation on a designated facility server. The software shall be capable of logging all system activity, including device ID, time-stamped call activation, staff response, and call reset events. The system must support the generation of custom and pre-programmed reports, including but not limited to: individual staff response times, zone activity, and historical call trends.

The management software shall support the automatic scheduling of reports and provide a secure, password-protected interface for administrative access. The solution must integrate seamlessly with the provided wireless nurse call master hardware and support long-term data archiving."

Specifications

• **Compatibility:** Compatible with designated PC server hardware running (Windows OS required by system).

• **System Integration:** Integrates with existing wireless nurse call master consoles and base stations to aggregate all system data.

• **Database Management:** Utilizes a secure, centralized SQL-based backend to ensure data integrity and rapid retrieval.

• **User Interface:** PC-based software with secure, role-based login credentials.

Compliance and Certification

• **FCC/UL:** As a software-based management tool, the WNC-AST does not carry independent FCC or UL hardware certification. It is designed to be installed on compliant PC hardware that adheres to local IT and safety standards.

• **RoHS:** The software media/distribution is provided in accordance with environmental safety standards; no hazardous materials are involved in the software delivery or operation.

Features

• **Event Logging:** Records every system event, including timestamps for call activation, staff arrival (presence), and call cancellation.

• **Pre-Programmed Reporting:** Includes a variety of built-in report templates tailored to common administrative needs, such as shift-based activity summaries and emergency call logs.

• **Customizable Dashboard:** Offers an intuitive interface to visualize data, identify trends, and monitor real-time system status.

• **Data Export:** Allows for the extraction of data into standard formats (such as CSV or PDF) for external analysis or long-term record-keeping.

• **Scalability:** Designed to handle data from large-scale deployments, supporting systems with thousands of wireless transmitters.

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More Features

- **Automated Scheduling:** Supports the automatic generation and distribution of reports via email to designated management personnel on daily, weekly, or monthly schedules.

- **Staff Accountability Tracking:** Identifies individual staff response patterns, assisting in performance reviews and targeted training.

- **Trend Analysis:** Helps identify high-traffic areas or peak times of the day/week, enabling proactive resource allocation.

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