

AMS (Application Management System) – Feature List

User Management & Security

- **User management** per user: Create, Modify, Read rules, Show/Hide connection parameters, and set permissions.
 - **Encrypted database** – each instance has its own encrypted database.
 - **Secure communication** between the interface and its own database.
 - **Secure login** implementation.
 - **Multi-licensing keys** based on purchased modules.
 - **Backup / Restore system** features.
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Contacts & Address Book

- **Internal Contacts / Groups** address book with full management module.
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SMS Features & Protocols

- Support for **all SMS features and protocols**.
 - **Two-way SMS**.
 - **SMS formats** supported:
 - 7bit ASCII
 - 8bit binary
 - User Data Header SMS (UDH) – for operator logos, picture messages, ringing tones, WAP OTA settings, vCAL entries, WAP bookmarks, etc.
 - Unicode SMS
 - **Long SMS** – segmentation and re-assembly support.
 - **Delivery Report** – tracking of SMS and long SMS messages.
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SMPP & Connectivity

- **Standalone SMPP / SMPPS server** with various port options.

- **SMPP / SMPPS client trunk** support.
 - **GSM hardware USB dongles** – for incoming SMS through local SIM.
 - **Web listener** – for incoming SMS via vendor API.
 - **Standalone web server** / secured web services (HTTP, SOAP, XML, JSON).
 - **HTTP to SMPP / SMPPS** service routing.
 - **SMPP / SMPPS to HTTP / HTTPS** service routing.
 - **Custom trunk web client integration** (HTTP, SOAP, XML, JSON).
 - **Multi sender ID creation** section.
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Database Integration

- **Multi-database read/write integration:**
 - Oracle
 - MSSQL
 - MySQL
 - SQLite
 - MS Access
 - Excel
 - ODBC (MySQL, SQLite, MS Access, Excel)
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Installation & Maintenance

- **Easy to install** – system auto-creates and updates database tables.
- **Monitoring service** (standalone application) – monitors, restarts, and reports if AMS encounters a problem.
- **Truncate Message Queue** option.
- **System Tray App** – multi-threading, runs in background as a service.
- **Auto startup** option on Windows boot.
- **Real-time database monitoring.**
- **Raw data local store** when a database error occurs.
- **Logger module** – AMS does not log sensitive data.

Routing & Redundancy

- **Connection Group Creation.**
- **Multi-connection** added to one group.
- **Connection Redundancy Plans.**
- **SMS delivery report Update Status Plan.**
- **Incoming Translation Rules.**
- **Incoming Routing Rules.**
- **Routing Groups.**
- **Routing Rules.**

Scheduling & Automation

- **Schedule module** – can be applied to all triggers and Request Status.
- **Message Builder** using all database connections.
- **Data View.**
- **Data Grid.**
- **Templates.**

File & Reporting

- **FTP configuration.**
- **RTF file support.**
- **Generate PDF from RTF file & query variables.**
- **Bulk Campaigns.**
- **Multi Database Integration** – to select message numbers, content & message view.
- **Message Trigger Builder** – includes:
 - Message content
 - Sender ID
 - Connection Group
 - Destination numbers

- Task Schedule
 - Conditional time sending
 - Message restriction and rules control
 - Trigger message test form
 - **Detailed Reporting** with charts for incoming and outgoing traffic + export services.
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Updates & Security

- **New Version Update notification** – user can enable or disable this option.

On each update, we ensure to:

- Require Data Validation / Integrity Checks / Security audit.
- Test for Vulnerabilities.
- Harden everything (internal database, executables from reverse engineering or code source lookup).
- Test each and every feature in the application.
- Include all fixes for all Windows versions.