Apex ^{AMS}

The Internet of **Your** things

The Apex Asset Management System (AMS) software platform, designed for communication network operators, allows management of physical assets, which may be shared between multiple users.

Shared Assets for Reduced System Costs

Apex AMS allows assignment of handsets and other high-value peripherals to users on a per shift basis, greatly reducing the number and cost of equipment required.

Asset and Network Security

Convenient kiosk registration makes asset registration efficient. Network security is simplified because radio assets are programmed as they are registered, based on the user's access control definition, automatically allocating them with the authorized talk groups or channels.

Optimized Asset Use and Maintenance

Registration history and asset notes allow managers to quickly determine where specific devices are assigned and forensic tools to determine where asset damages and losses may have occurred. Furthermore, preventative maintenance and battery use can be scheduled by monitoring asset use over time.

Apex AMS Components

- Apex AMS Server

  The Apex AMS server provides a convenient web administration interface for managing departments, users, asset definitions, assets collections and user-to-asset registrations.

  Filtering, sorting, logging and reporting allows administrators to quickly review system usage, mark failed devices, plan maintenance and investigate lost assets.
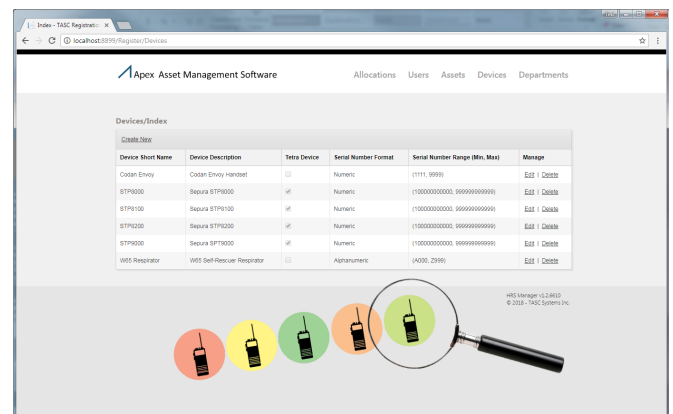
Apex Asset Management Systems (AMS) for Communication Network Operators

- Apex AMS Client

  The Apex AMS Client runs as a thin client kiosk interface. Users can interactively "sign out" the assets, using touchscreen entry or via the optional barcode scanner.

  Apex AMS allows for multiple kiosk client locations, each talking to the central Apex AMS server via network connection.
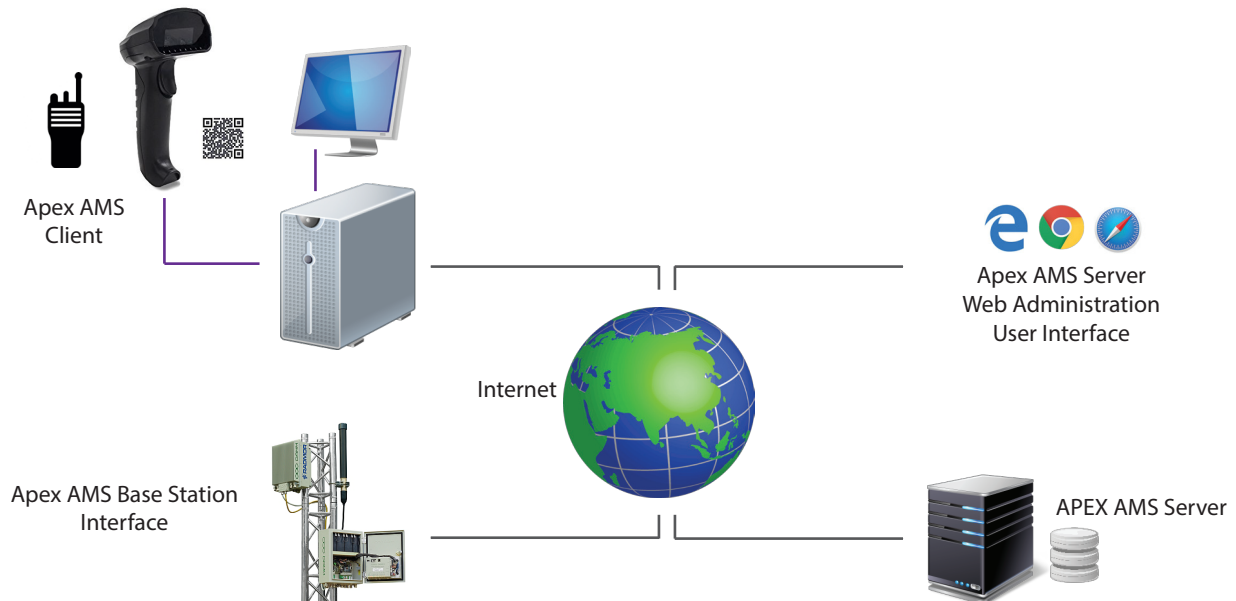
  Successful authentication registers the device to the user and can be used to trigger additional back-end operations including radio programming or display messaging.

- Apex AMS Base Station Interface

  Apex AMS can communicate with Tetra and other networks to automatically activate and associate the handset to the user's profile via a communication interface to the base station.

Apex AMS

The Internet of Your things

Apex AMS Client

Internet

Apex AMS Server
Web Administration
User Interface

Apex AMS Base Station Interface

APEX AMS Server

Apex AMS Server		
Platform Requirements	Windows Server 2012 or higher Intel Gen 5 or equivalent 16GB RAM, 500GB HDD	Microsoft IIS Web Server Microsoft NET4.5 or higher Microsoft SQL Server or equivalent
Functionality	Administrators can view and manage the following system parameters: • Departments: Profile number, name • Users: Department, user pin, user password, alias • Devices: Asset type, serial number format/range, network programmability • Assets: Physical asset number, serial number, administrator notes, allocated status • Allocations: Status of all asset allocations to users Other features: • Connection status for radio base station (TETRA) • Logging and reporting • Future: real-time location monitoring, battery monitoring, user safety, etc.	

Apex AMS Client		
Platform Requirements	Up to 5 clients per Apex AMS installation Windows 10 or Windows Thin Client Intel Gen 5 or equivalent 16GB RAM, 100GB HDD	Optional: QR or barcode scanner (asset number) Touch screen monitor (asset number, user authentication) Numeric keypad (asset number, user authentication) Keyboard (asset number, user authentication)
Functionality	• Asset registration and deregistration • User password change	

Apex AMS Base Station Interface	
Supported Systems	TETRA Damm BSC
Functionality	• Set handset network profile based on user's access rights and department • Tag handset with user name • Select talk group for the user on the handset

TASC : everything connects