



SEM and APEX-1000 EQAM Deployment Services

Motorola deploys SEM and APEX-1000 EQAM with minimal downtime and risk.

Motorola offers the expertise to help customers successfully deploy the Motorola SEM and APEX-1000 EQAM products. These products provide multiplexing, encryption, modulation, and upconversion capability. The SEM and APEX-1000 EQAM Deployment Services provide professional planning and deployment of SEM and APEX-1000 EQAM products. These services include:

1. Coordinated planning and installation
2. Configuration of SEM and APEX-1000 EQAM products
3. Acceptance Testing and Technical Support

Motorola has the expertise in system integration, field engineering, and project management required to successfully deploy SEM and APEX-1000 EQAM products. With the help of Motorola, customers are ensured of installation and configuration with minimal downtime and risk. In addition, customers are guaranteed that configuration is done in accordance with their encryption and modulation requirements.

SEM and APEX-1000 EQAM Deployment Service Benefits

- Enable the headend for multiplexing, encryption, modulation, and upconversion
- Reduce deployment downtime and risk
- Provide expert knowledge and capabilities to programmatically perform implementation
- Contain costs of deployment
- Minimize interruption of service
- Ensure interoperability of headend components
- Execute using proven methodology, planning, and testing
- Deploy systems more efficiently
- Provide 75 years of video experience
- Offer proven methodology and track record of deployment

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- **476666-086-00 APEX-1000 EQAM Deployment Service — Installation and configuration of APEX-1000 EQAM (up to 8 units without encryption configuration, up to 6 units with encryption configuration).**
 - **476666-002-00 SEM Deployment Service — installation and configuration of Smartstream Encryptor Modulator (up to 8 units).**

To order these services, please contact your Motorola sales representative.

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DATA SHEET

SEM and APEX1000 EQAM Deployment Services

Motorola SEM and APEX-1000 EQAM Deployment Service Deliverables

The SEM and APEX-1000 EQAM Deployment Service execution requires the coordinated support of Motorola personnel, Customer site DAC personnel, and Customer network personnel. Based on the assumptions and prerequisites noted below, Motorola will deliver:

Comprehensive Project Management

A Motorola Project Manager will:

- Coordinate planning and installation activities from project kick-off through post-launch support.
- Create and maintain a project plan together with the customer's project management team.
- Track and report weekly on status and action items.
- Identify risk items and mitigation strategies.

Pre-Installation Design Review

Motorola personnel will:

- Review and revise the customer's system design to identify and resolve any issues with channel planning, network design, or component selection.
- Assist with site surveys and review for errors and completeness.
- Gather all information required for configuration of system components.
- Document channel group mapping.

System Configuration

Motorola personnel will:

- Assign the IP addresses provided by the customer to the SEM or APEX1000 EQAM unit.
- Configure the SEM or APEX1000 EQAM unit.
- Verify that the SEM or APEX1000 EQAM unit is correctly configured and operational.

Acceptance Testing and Technical Support

Motorola personnel will provide on-site support during the customer's system acceptance testing.

Assumptions and Prerequisites

This list of assumptions and pre-requisites is not intended to be exhaustive. Prior to the commencement of services and thereafter, Motorola will inform the customer of any additional responsibilities necessary for the performance of the services.

Assumptions

- Motorola and the customer will provide a single point of contact for the project.
- Motorola will provide services only for the work described above. Other issues should be handled through normal escalation methods.

Prerequisites

The customer will:

- Provide space, power, and cooling for the equipment, and ensure all equipment is racked and cabled prior to the start of work.
- Ensure readiness, provide access, and provide support for all DAC, billing, and headend networks.
- Provide all necessary documentation, including, but not limited to, IP addresses, channel maps, network diagrams, and headend design.
- Provide applicable Electronics Industry Association (EIA) channels on the physical plant and ensure those channels are clear and available at the time of the integration .
- Stage equipment at remote sites with site personnel who will assist with the physical setup.
- Provide support for any and all networks (both physical and logical) that are located between, and include, any devices such as ethernet fiber transmitters, routers, and switches.



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