

Features

Region Management

Create and organize SCC and SCC5Net units into one or more regions

Password Management

Manage and update CODEC passwords by CODEC type per region

Certificate Support

Manage and upload CODEC certificates including private keys

Firmware Distribution

SCC and SCC5Net firmware are managed and distributed from a central location

Data Synchronization

Deploy, backup, and restore CODEC configuration settings, camera presets, directory information, and user accounts

SCC State Tracking

SCC units provide the FMS server with their last and current state

Auditing

Any changes to regions, passwords, CODEC configurations, and firmware are tracked against the Windows user account

Log File Consolidation

Provides access to SCC, SCC5Net and FMS log files

System Requirements

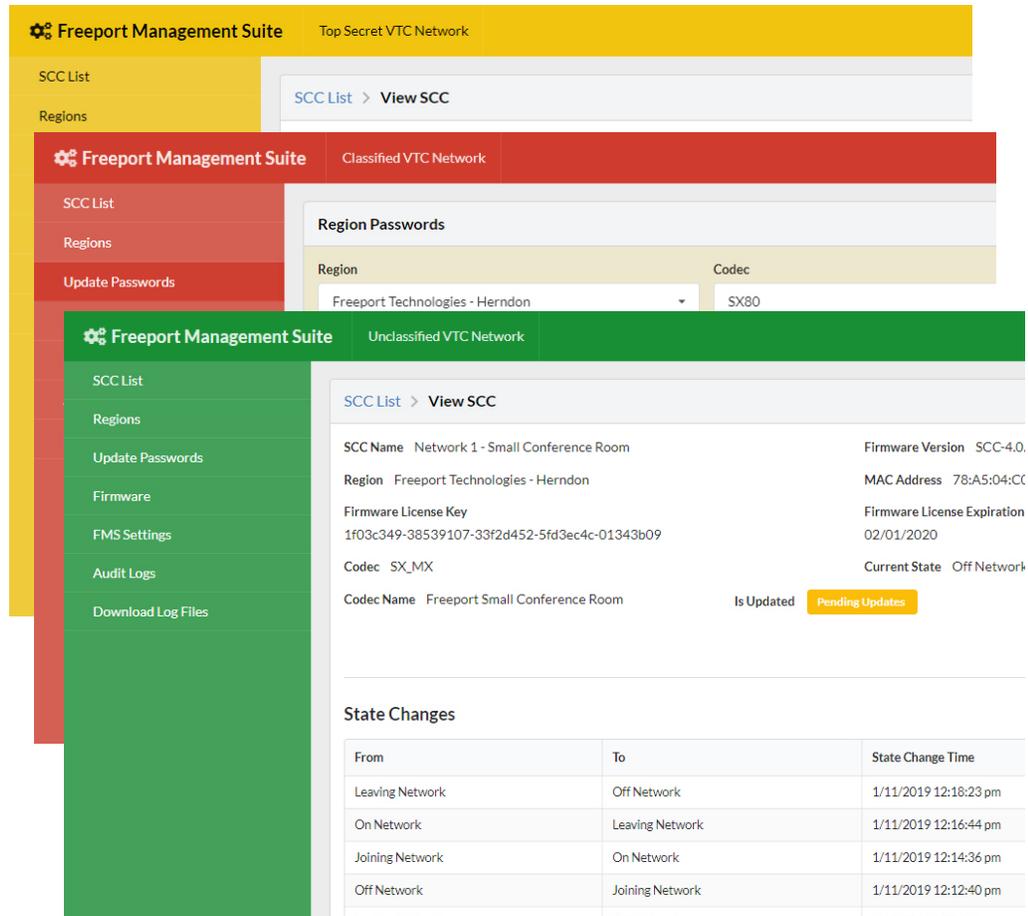
Windows Server 2016 (or 2012 R2)
2 GB RAM, 60 GB HD
Microsoft IIS Web Server

The Freeport Management Suite (FMS) facilitates medium to large scale multi-domain VTC implementations which utilize Freeport Multi-Domain Video Network Switches (MDVNS). FMS provides support personnel with the ability to manage and maintain configuration settings and Freeport firmware from a centralized location.

For medium and large implementations of MDVNS systems, or for VTC networks that have a short configuration or password cycle, SCC units of the same classification are capable of being managed from a single server.

With the centralized server approach, anytime an SCC unit powers on (joining or leaving a VTC network) it will establish a communication path with the management server and query it for any changes that have been made since the last connection. When changes or modifications occur, the SCC unit will update its profile and then proceed accordingly.

FMS provides CODEC configuration, password, user account and certificate management, Freeport firmware distribution, SCC state tracking, and access to a variety of log files. FMS reduces the need to dispatch support personnel to each MDVNS system location for management and maintenance related tasks which would normally occur on a recurring basis.



The screenshot displays the Freeport Management Suite interface with three overlapping panels:

- Top Panel (Yellow):** Shows the 'Top Secret VTC Network' view with a sidebar containing 'SCC List' and 'Regions'. The main content area shows 'SCC List > View SCC'.
- Middle Panel (Red):** Shows the 'Classified VTC Network' view with a sidebar containing 'SCC List', 'Regions', and 'Update Passwords'. The main content area shows 'Region Passwords' with a dropdown for 'Region' (Freeport Technologies - Herndon) and a 'Codec' field (SX80).
- Bottom Panel (Green):** Shows the 'Unclassified VTC Network' view with a sidebar containing 'SCC List', 'Regions', 'Update Passwords', 'Firmware', 'FMS Settings', 'Audit Logs', and 'Download Log Files'. The main content area shows 'SCC List > View SCC' with details for an SCC unit:
 - SCC Name: Network 1 - Small Conference Room
 - Region: Freeport Technologies - Herndon
 - Firmware License Key: 1f03c349-38539107-33f2d452-5fd3ec4c-01343b09
 - Codec: SX_MX
 - Codec Name: Freeport Small Conference Room
 - Is Updated: Pending Updates
 - Firmware Version: SCC-4.0
 - MAC Address: 78:A5:04:CC
 - Firmware License Expiration: 02/01/2020
 - Current State: Off Network

Below the SCC details is a 'State Changes' table:

From	To	State Change Time
Leaving Network	Off Network	1/11/2019 12:18:23 pm
On Network	Leaving Network	1/11/2019 12:16:44 pm
Joining Network	On Network	1/11/2019 12:14:36 pm
Off Network	Joining Network	1/11/2019 12:12:40 pm