EMS Platform Services is the middle-tier component and RESTful API foundation that provides a modern, scalable way for EMS partners and customers to integrate with the EMS Platform. Platform Services gives your organization the freedom to create your own integrations more quickly and with less complexity.

Platform Services enables the development of cross-platform applications that can be customized, cloud-based, scalable and easily integrated. It provides a business and resource layer that enables the central development of applications, reducing complexity and development time. EMS Platform Services fosters innovation by ensuring easy maintenance and efficient management of an application’s lifecycle.

**INTEGRATIONS FOR CUSTOMERS AND PARTNERS**

As of Version 44.1 Update 9, EMS Platform Services is now an integral part of the EMS architecture. Updated points of access such as the EMS Mobile App, EMS Kiosk App and EMS for Microsoft Outlook® add-in and integrations like Skype for Business all require the installation of Platform Services. With these offerings, no additional licensing is required.

To use the RESTful Application Programming Interface (API) to create custom integrations with the EMS platform or access EMS partner integrations, EMS customers must purchase separate licenses to the full EMS Platform Services library.

Examples of what you can create with Platform Services:

- **Hardware integrations** with digital signage, sensors and voice-controlled personal assistants.
- **Systems integrations** such as with facility management systems, lecture capture and wayfinding software.
- **Integrations with custom access points** such as kiosks or simple mobile apps developed in-house by your organization.
- **Marketable integration solutions** for EMS customers such as event display apps and payment portals.
INTEGRATING WITH EMS PLATFORM SERVICES

Platform Services provides RESTful APIs that empower customers and partners to build custom, multi-platform applications connected to EMS. Any client/device accessing EMS Platform Services must be a registered Integration Client.

EXAMPLE CUSTOMER APPLICATIONS

Platform Services allows customers to create their own custom data integrations to apps for the web, mobile devices, kiosks and more. Examples include:

- A custom video conference portal (consulting firm)
- A custom web app (consulting firm)
- A custom mobile app using EMS and other systems (government contractor)
- A visitor management system (financial firm)

EXAMPLE PARTNER INTEGRATIONS

EMS solutions partners can create marketable integration solutions for the EMS customer community. Examples include:

- Event display applications (e.g., flight board-type apps)
- A service provider application (e.g., a mobile version of EMS Setup Worksheet)
- Credit Card Payment Portal integration
- Digital signage software integration
- HVAC software integration

TECHNICAL REQUIREMENTS

**OPERATING SYSTEM**
- IIS
  - Windows Server 2008 R2: 8
  - Windows Server 2012: 8
  - Windows Server 2012 R2: 8.5
  - .NET Framework: 4.6.1
  - Application Pool: 4

**Prerequisites**
- HTTPPlatformHandler IIS Module
- PowerShell: 5+ Version
- ASP.NET Version 4.6: ISAPI Extensions, ISAPI Filters, .NET Extensibility 4.6

API DOCUMENTATION

EMS Platform Services are fully documented with samples and best practices.