Maximize the Value of your Cisco StadiumVision Mobile Solution

The Cisco® StadiumVision™ Mobile solution combines high-definition video delivery with Cisco’s Connected Stadium Wi-Fi network solution and wi-fi connected mobile devices to deliver distinctive in-venue sports and entertainment experiences. It is a robust solution with many features and options, which requires a level of expertise to use to the fullest benefit. As such, adequate preparation and timely execution are vital to delivering a world-class fan experience.

To help venues ensure the quality of the StadiumVision Mobile experience and assist them in achieving a high level of return on their Cisco StadiumVision Mobile investment, Cisco offers the Plan and Build Service for Cisco StadiumVision Mobile. This service provides on-site and remote solution planning, design reviews, implementation services, solution upgrades and configuration services for the solution.

Cisco Services Approach

The Cisco® Lifecycle Services approach defines the minimum set of activities needed to help customers successfully plan, build, and run Cisco technologies.

The solution “lifecycle” refers to the beginning-to-end view of the continuum of events that takes place in the lifespan of a solution. As Figure 1 shows, the Cisco Lifecycle Services approach provides a framework that makes it easy to understand which service activities need to be performed (and in what order) to successfully prepare for and manage network change and to operate and optimize the solution.
Service Overview

The StadiumVision Mobile Plan and Build Service is one of the offerings within the Cisco Lifecycle services for Cisco Connected Sports and Entertainment™ solutions.

As part of the Plan and Build Service, Cisco provides Subject Matter Experts (SMEs) on-site and remotely for the period of service, to perform or provide the following.

High Density Wi-Fi Detailed Design Review Service

In this service, Cisco Advanced Services engineers remotely capture and validate customer requirements and review an existing HD WLAN detailed design to determine if it meets business objectives and technical requirements for StadiumVision Mobile. Review elements to be considered include:

- Security Infrastructure
- IP Addressing Scheme
- Switching and Routing Infrastructure
- Wired and Wireless Backhaul Design
- Network Management Infrastructure

At the completion of this service, the Cisco engineer creates a WLAN Detailed Design Review Report, which provides detailed gap analysis and impact analysis.

WLAN Network Radio Frequency Performance Assessment

Cisco Advanced Services can provide RF performance analysis of an existing High Density WLAN. Cisco Advanced Services engineers will focus on three areas as part of a High Density WLAN RF assessment: Coverage Analysis, Interference Analysis and Traffic Pattern Analysis. Once completed, an HD WLAN RF Performance Assessment Report would be provided.
Plan and Build Services for StadiumVision Mobile Solution
Cisco Advanced Services will provide SME resources onsite and remotely to deliver the StadiumVision Mobile solution in accordance with the customer’s business requirements. Delivery services include:

- Project Management
- Features and Functionality Requirements Document
- Implementation plan development
- StadiumVision Mobile software installation and configuration
- StadiumVision Mobile integration with Video Head End equipment
- Solution Ready For Use (SRFU) Test Plan
- Knowledge Transfer session

Multicast Infrastructure for StadiumVision Mobile Solution
Cisco Advanced Services will extend the existing Connected Stadium (CS) and HD WLAN infrastructure to support the StadiumVision Mobile solution requirements, including the following services:

- Multicast configuration services for core, access, and wireless service block switching equipment
- Firewall configuration for traffic flows to and from client devices
- Wireless LAN Controller (WLC) configuration for StadiumVision Mobile settings, followed by empty- and full-venue testing, analysis, and configuration adjustment

Service Components
In addition to the services described above, Cisco Global TAC support is available to provide support for triage and resolution of technical issues with the StadiumVision Mobile solution.

Remote Support (TAC)
Cisco provides SMARTnet® remote support—24 hours a day, 7 days a week (24x7) for Cisco Connected Sports and Entertainment solutions. The remote support team performs:

- Problem isolation and troubleshooting
- Global Sports and Entertainment solution world class support
- The remote support team fully backed by Sports and Entertainment escalation engineers

Benefits
The Review, Performance Assessment, and Plan/Build Services help align technology with your business requirements, accelerate your successful deployment, and improve your solution’s business value and return on investment. Cisco engineers with years of experience designing, deploying, and supporting IP and digital media deployments will assess your needs and work with you to help you get the most out of your migration and the day-to-day operation of your system.

- Prepare a Feature and Functionality Requirement Document that aligns the StadiumVision Mobile solution with your specific business requirements.
- Identify and deploy necessary infrastructure changes.
- Prepare your staff by defining your operations requirements (people, processes, and tools); help lower operating costs and improve staff productivity.
● Reduce the duration and technical risk of the deployment project by proactively identifying gaps and risks.

● Accelerate the successful implementation of your StadiumVision Mobile solution by using Cisco best practices.

● Achieve dependable performance by making sure of network uptime and operational efficiency.

**Why Cisco Services**

Realize the full business value of your technology investments more quickly with intelligent, personalized services from Cisco and our partners. Backed by deep technology expertise and a broad ecosystem of partners, we enable you to successfully plan, build, and run your IT infrastructure as a powerful business platform. Whether you are looking to quickly seize new opportunities to meet rising customer expectations, improve operational efficiency to lower costs, mitigate risk, or accelerate growth, we have a service that can help you.

**For More Information**

For more information about the Cisco StadiumVision Mobile solution and the Cisco Plan and Build Service, please contact your local Cisco account representative.