



Dashboard Capability Statement

About HMS

Healthcare Management Solutions, LLC (HMS) management specialists evaluate state survey agency (SA) practices and organizational issues and assists in restructuring them for enhancing their survey programs. HMS specialists have identified challenges that SAs were experiencing in efficiently accessing data that would assist the SA in managing and reporting on workload and facilitation of compliance with applicable performance standards.

Functionality

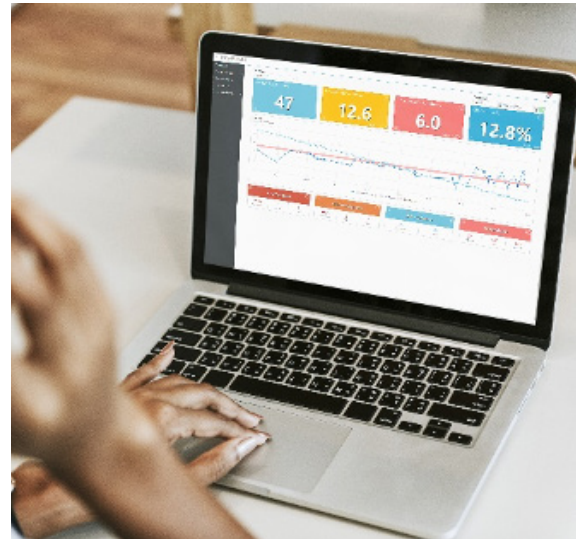
- Provides real time metrics for State Agency Management
- Includes a dashboard function for State Agency performance monitoring
- Enhances reports from multiple Federal systems in a consolidated browser-based application
- Allows State Agency staff to quickly view data entered in the CMS ASPEN/iQIES application
- Assists the State Agency in meeting state and federally mandated workload requirements related to the oversight of healthcare providers

Assists with

- Survey and Certification Activity Tracking
- Complaint Management
- Scheduling
- Quality Assurance
- Performance Measure Monitoring (including SPSS)

Technology

Small, light-weight application written in Angular and JavaScript, hosted using Node.js. Reports are retrieved using an ODBC connection. Each report is configurable and expandable using JSON configuration files. Installation and customization provided to states based on identified needs.



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GSA-PSS and IT 70 | CMS SPARC WOSB | CIOSP3 SB | PSC IDIQ

PSS: GS-00F-295CA

IT: GS-35F-0001Y

Contract #:

HHSM5002016000371

Contract #:

75N98120D00145

Contract #:

HHSP-233-2015-001081



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Dashboard Technical Requirements

Dashboard can run on any device that is running Windows 7 or above. The install can be performed on multiple devices or be installed on a centrally accessible device.

Minimum Hardware Requirements

1. Processor: 2.5 GHz Dual Core
2. RAM: 4 GB
3. HDD: 320 GB

Multiple Device Installation

If installed on individual devices, the user will use the Chrome browser to access via <http://localhost:3000>.

Centrally Accessible Installation

When installed centrally, IT can choose to configure accessibility using a domain name (ex. <http://Dashboard.state.gov>). The application can also be accessed using the devices IP (ex. <http://12.34.56.78:3000>). All via the Chrome browser.

Dependencies

The application was written in JavaScript and Angular. It is hosted via Node.js, the JavaScript runtime built on Chrome's V8 JavaScript engine. The application uses an ODBC connection to query the ASPEN/iQIES database directly. These reports are configurable and able to be expanded/enhanced.

Software

- Node.js (v 10.16.0 LTC) available at <http://nodejs.org>
- Oracle Instant Client for ODBC connection
- Visual C++ Redistributable for Visual Studio
 - This is used with windows-build-tools, a dependency used to interface with the Oracle Instant Client

Other

- Deployable source for Dashboard
- ODBC Connection to ASPEN/iQIES configured and tested