



SmartCSM for health care facilities:

**MANAGING CRITICAL
INFRASTRUCTURE
CHALLENGES WITH
EASY-TO-USE CLOUD
MAPPING SOFTWARE.**

 **ELECTRICAL**

 **HVAC**

 **PLUMBING**

 **FIRE/LIFE SAFETY**



Sharpen your focus on productivity, patient safety, and maintaining an Environment of Care.

In the era of digital transformation, relying on legacy paper plans to manage critical health care facilities infrastructure can be daunting. Printed plans are often lost or out-of-date and cannot be accessed remotely. And when preparing for an inspection or maintenance or responding to an outage, rummaging through printed documentation and reconciling handwritten notations scattered throughout facilities, drains productivity and poses unnecessary risk.



SmartCSM provides a centralized online view of your critical infrastructure, with drill-down capability by location and asset.

With SmartCSM, your team can now log in from anywhere and gain immediate access to the right information to handle maintenance, improvements, inspections, outages, and more.



At a Glance —

SmartCSM's Benefits for Health Care Facilities

- **Helps avoid** Joint Commission and Centers for Medicare and Medicaid Services (CMS) inspection deficiencies for common instances of noncompliance.
- **Maximize productivity** with a single digital source of truth for critical infrastructure at your fingertips.
- **Avoid the risks** of lost or outdated plans and employee turnover.
- **Save time** and sidestep mishaps by immediately determining supply/feed and affected area information for each downstream asset.*
- **Identify** needed asset specifications just by clicking.
- **Consolidate** warranties, manuals, and other important documentation.
- **Send automatic maintenance reminders** and timely stakeholder notifications.
- **Scan QR codes** in the field to readily identify asset details.

*Infrastructure data availability varies by trade. See your SmartCSM product specialist for current information.

Managing **Critical Infrastructure Systems**



ELECTRICAL

Centralize your power, lighting, and single line plans and diagrams. Designate electrical rooms, main switch gear, generators, transformers, panels, and more, and identify the circuit breaker for every device. Capture needed specifications and documentation. Schedule maintenance reminders and import contacts for timely event notifications.



HVAC

Organize HVAC floor plans and riser diagrams. Specify thermostats, air handling units, and variable air volume boxes and their respective supply air and zones. Include important specifications and documents for future reference. Schedule maintenance reminders and import contacts for stakeholder notifications.



PLUMBING

Consolidate plumbing, piping, and riser plans and diagrams. Clearly mark sinks, toilets, showers, and other fixtures and identify the supply valve for each. Capture needed specifications and documents, set reminders, and import contacts for event notifications.



FIRE/LIFE SAFETY

Catalog fire/life safety plans. Clearly display emergency exit locations, fire extinguishers, defibrillators, fire alarm control panels, and key initiating and notification devices. Include relevant specifications and documentation. Set maintenance reminders and upload contacts for event notifications.

Avoiding Common Instances of Noncompliance With Environment of Care Requirements

Environment of Care Standard EC.02.05.01:

Managing Risk Associated With Your Health Care Facility's Utility Systems

ELEMENT OF PERFORMANCE

ISSUE

PERCENT NONCOMPLIANT*

HOW SMARTCSM HELPS

1

Design and installation of utilities to meet patient care and operational needs.

10%

- Centralize current electrical, HVAC and plumbing plans in a digital format.
- Clearly designate assets, fixtures, and devices.
- Capture needed specifications and documentation.
- Systematically track installations, upgrades, and repairs.
- Schedule maintenance reminders.
- Upload contacts and send timely notifications.

8

Label utility system controls for partial or complete emergency shutdown.

21%

- Centralize current electrical, HVAC, and plumbing plans in a digital format.
- Clearly designate assets, fixtures, and devices.
- Identify supply/feed information and affected areas.
- Capture shutdown and bring-up procedures.

15

Air pressure, filtration, and air changes in critical care areas such as the OR.

33%

- Organize HVAC floor plans and riser diagrams in a digital format.
- Specify thermostats, air handling units, and variable air volume boxes and their respective supply air and zones.
- Capture relevant specifications and documents.

Avoiding Common Instances of Noncompliance With Environment of Care Requirements

Environment of Care Standard EC.02.06.01: Establishing and Maintaining a Safe, Functional Environment

ELEMENT OF PERFORMANCE

13

ISSUE

Maintaining ventilation, temperature, and humidity.

PERCENT NONCOMPLIANT*

17%

HOW SMARTCSM HELPS

- Organize HVAC floor plans and riser diagrams in a digital format.
- Specify thermostats, air handling units, and variable air volume boxes and their respective supply air and zones.
- Capture relevant specifications and documents.
- Schedule maintenance reminders and import contacts for stakeholder notifications.

Environment of Care Standard EC.02.03.05: Maintaining Fire Safety Equipment and Fire Safety Building Features

ELEMENT OF PERFORMANCE

ISSUE

PERCENT NONCOMPLIANT*

HOW SMARTCSM HELPS

2

Water flow device testing.

10%

- Consolidate plumbing, piping, and riser plans and diagrams in a digital format.
- Clearly mark sinks, toilets, showers, and other fixtures and identify the supply valve for each.
- Capture needed specifications and documents, set reminders, and import contacts for event notifications.

3

Annual testing of smoke detectors, duct detectors, etc.

14%

- Catalog fire/life safety plans in a digital format.
- Clearly display emergency exit locations, fire extinguishers, defibrillators, fire alarm control panels, and key initiating and notification devices.
- Include relevant specifications and documentation.
- Set maintenance reminders and upload contacts for event notifications.

4

Annual testing of visual and audible fire alarms.

11%

- Catalog fire/life safety plans in a digital format, designating fire alarm control panels and key initiating and notification devices.
- Include relevant specifications and documentation.
- Set maintenance reminders and upload contacts for event notifications.

25

Lack of documentation related to the maintaining, inspecting, and testing.

17%

- Consolidate current maintenance, testing, and inspection documentation.

In Action —

SmartCSM at Work in Health Care Facilities

Saratoga Hospital, named a “Best Regional Hospital” in northeastern New York, turned to SmartCSM after having problems with their traditional paper plans. Now, SmartCSM helps Saratoga Hospital:

- **Meet Environment of Care standards.**
- **Pass regulatory inspections.**
- **Handle maintenance and troubleshooting more efficiently.**

Download the case study to learn more about how SmartCSM helps Saratoga Hospital improve productivity, achieve compliance, and mitigate risk.



“This software is an **excellent product** for a health care facility. I think any health care provider would want to consider this solution. **SmartCSM takes all the confusion out.**”

— Jeffrey Casale, Director of Facilities Operations at Saratoga Hospital



**GET YOUR
FREE DEMO AT
SMARTCSM.COM**

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FAQs

WHAT MECHANICALS DO YOU SUPPORT?

SmartCSM is built to support critical facility infrastructure, including electrical, plumbing, HVAC, and fire/life safety.

HOW IS SMARTCSM DIFFERENT FROM CMMS?

Computerized maintenance management systems (CMMS) are typically designed to manage asset maintenance life cycles. Customers find SmartCSM and CMMS work extremely well in concert – one does not replace the other. Facility managers rely on SmartCSM's centralized view of critical facilities infrastructure to simplify handling of maintenance, improvements, inspections, outages and more.

HOW IS INFRASTRUCTURE DATA INPUTTED INTO SMARTCSM?

Flexible self-service and full-service "TLC" options are available for inputting your data into SmartCSM.

HOW SECURE IS MY DATA?

Your data is hosted on AWS and is safeguarded by industry-leading end-to-end security protocols and compliance. Your SmartCSM product specialist will be happy to provide additional details about data security.

HOW IS SMARTCSM PRICED?

SmartCSM offers cost-effective term subscriptions, with tiered pricing based on facility square footage and unlimited users.