by anandic

Fully Digital. Fully Connected.

Aisys™ CS²

We live in a connected world where access to data is assumed. The medical environment is adopting data at an extremely fast rate, and the community is increasingly making purchase decisions based on the ability of products to transact data. Based on this knowledge, we've updated our Aisys CS² platform to help our customers stream their data more easily and to make sense of that data with applications that can be used to better drive operational, economic and clinical outcomes.

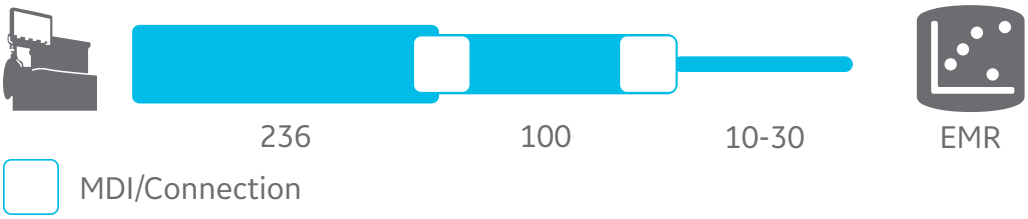
What's new with this release of Aisys CS²?

Enhancements to CS² in this software release fall into three categories: Connectivity Improvements, Analytics Applications, and Clinical Enhancements.

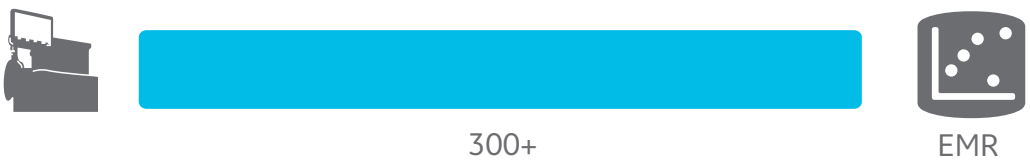
Connectivity Improvements

The Aisys CS² is a fully digital system designed for seamless connectivity with other medical devices and the network infrastructure. All it takes to connect is a single Ethernet cable. Until now, anesthesia delivery systems have relied on a narrow pipeline to deliver connectivity needs. The Aisys CS² is designed to bring your connectivity infrastructure up to market expectations with a high-speed, dedicated network connection that gives it plug-n-play usability and a richer data set than previously available. This translates to live network ports, HL7 output and full EMR compatibility.

State of data flow in the past



Aisys CS² data flow



gehealthcare.com

Aisys CS2 Ethernet connectivity and Et Control are not for sale in all markets.
Not cleared by the USA FDA. Not for sale in the United States.

What's new at a glance

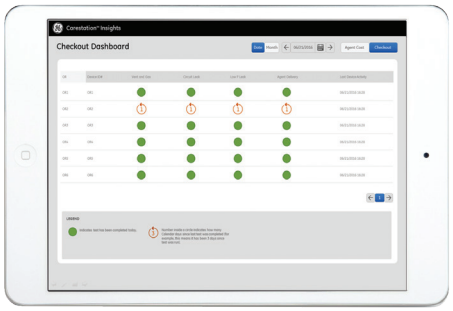
High-speed, dedicated connection that seamlessly connects to your EMR. The result is plug and play usability and a richer data set than before. All you need to connect is a single Ethernet cable.

Leveraging over 300+ data points captured with every breath, we offer applications such as Agent Cost and Checkout to help facilities gain visibility into information that can be used to streamline workflow and curb costs.

Clinical enhancements include 300 ml EtC, ecoFLOW, MAC alarms, improved lung procedures, Monitor/ Sedation only mode and an improved user interface.

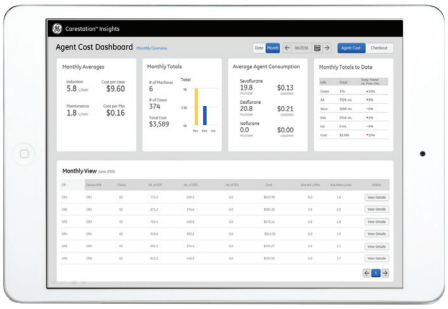
Carestation Insights Dashboards

The Aisys CS^2 captures over 300 data points with every breath — like ventilation modes, PEEP settings, alarms and error codes — to help customers track system performance, monitor costs and see where changes can be made to improve the patient experience. To help customers leverage this data, we created two applications (agent cost and checkout) that can be accessed on a computer or tablet and provide actionable data analysis to help reduce waste and increase room utilization. These two applications are just the beginning. There is an enormous opportunity to explore new ways of analyzing this data to develop a detailed understanding of the OR.



Checkout Dashboard

Keeps track of when anesthesia machines were checked out across your entire department to improve scheduling workflow and ensure machine functionality.



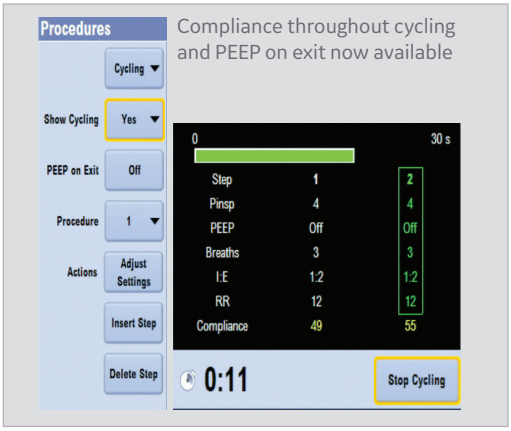
Agent Cost Dashboard

Support low flow initiatives and provide transparency to anesthetic agent usage and costs across your department.

Clinical Enhancements

We've improved the user interface and made workflow improvements. Clinical enhancements include:

- Real time compliance results during automated lung ventilation procedures
- Greater precision in adjusting I:E ratio for pediatric ventilation
- Flexibility in adjusting O2 targets in ecoFLOW, lower 300 ml flows in EtC
- Simplified MAC alarm settings



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