



CarestationTM Insights

REVEAL OPPORTUNITIES, DRIVE OUTCOMES



OPERATING THEATERS



The modern Perioperative Care environment is increasingly complex with sicker patients, requiring more tasks be accomplished with fewer resources, all within a highly regulated environment.



Patient safety is a current hot topic and there is shared European opinion of what currently is both worth doing and practical to improve patient outcomes.¹ Anesthetists are the advocates of achieving the highest safety standards and committed to better patient outcomes but struggle every day due to missing resources and organizational failures.



Economic burden
Health spending targets today are determined by economic rather than health specific factors. The economic pressure sometimes leads administration to take uncomfortable decision about budget allocation and drives a new mindset of measuring operational efficiency and productivity².



Infrastructure and resource optimization, user independent quality of care dictate the new criteria for modern hospitals

1 European society of anaesthesiology. Helsinki patient safety declaration.
2 NHS Institute for Innovation and Improvement. The Productive Operating Theatre. <http://www.institute.nhs.uk>; 3 SG2 data 2011

Carestation™ Insights

Carestation Insights is an advanced analytic platform that helps make data driven decisions to deliver improved outcomes.

Carestation™ Insights
Low Flow Dashboard Monthly Overview

Date: Month 06/2016 Agent Cost Checkout

Monthly Averages

- Induction: 5.8 L/min, Cost per case: \$9.60
- Maintenance: 1.8 L/min, Cost per Min: \$0.16

Monthly Totals

- # of Machines: 6
- # of Cases: 374
- Total Cost: \$3,589

Average Agent Consumption

- Sevoflurane: 19.8 mL/case, \$0.13 cost/min
- Desflurane: 20.8 mL/case, \$0.21 cost/min
- Isoflurane: 0.0 mL/case, \$0.00 cost/min

Monthly Totals to Date

Info	Total	Daily Trend vs. Prev. Mo.
Cases	374	▲109%
AA	7526 mL	▼9%
Sevo	5009 mL	→0%
Des	2516 mL	▲6%
Iso	0 mL	→0%
Cost	\$3,589	▼15%

Monthly View June 2016

OR	Device ID#	Cases	mL of SEV	mL of DES	mL of ISO	Cost	Ave Ind L/min	Ave Main L/min	Action
OR1	OR1	63	772.2	499.2	0.0	\$623.38	6.0	1.6	View Details
OR2	OR2	62	...	374.4	0.0	\$584.35	5.9	2.0	View Details
OR3	OR3	59	...	436.8	0.0	\$576.14	5.8	1.8	View Details
OR4	OR4	65	...	395.2	0.0	\$613.30	6.0	1.9	View Details
OR5	OR5	63	0.0	\$592.27	5.9	2.1	View Details
OR6	OR6	62	0.0	...	6.0	1.7	View Details

Carestation Insights Low Flow dashboard

Carestation™ Insights
Checkout Dashboard

Date: Month 06/21/2016 Agent Cost

OR	Device ID#	Vent and Gas	Circuit Leak	Low P Leak	Agent Delivery	Last Device Activity
OR1	OR1	●	●	●	●	06/21/2016 16:28
		①	①	①	①	06/21/2016 16:28
		●	●	●	●	06/21/2016 16:28
		●	●	●	●	06/21/2016 16:28
		●	●	●	●	06/21/2016 16:28
		●	●	●	●	06/21/2016 16:28

Number inside a circle indicates how many Calendar days since last test was completed (for example, this means it has been 3 days since test was run).

Carestation Insights Checkout Dashboard

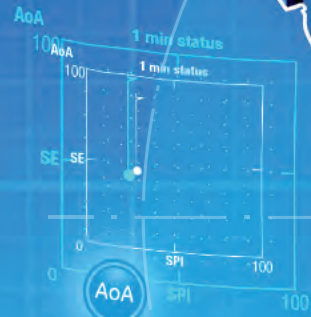
STORAGE

Flexible, lightweight infrastructure -
secure and HIPAA compliant

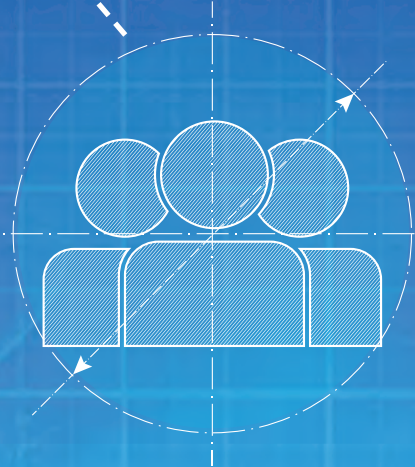


DATA

Connected brilliant machines with smart sensors acting as a
Digital Twin

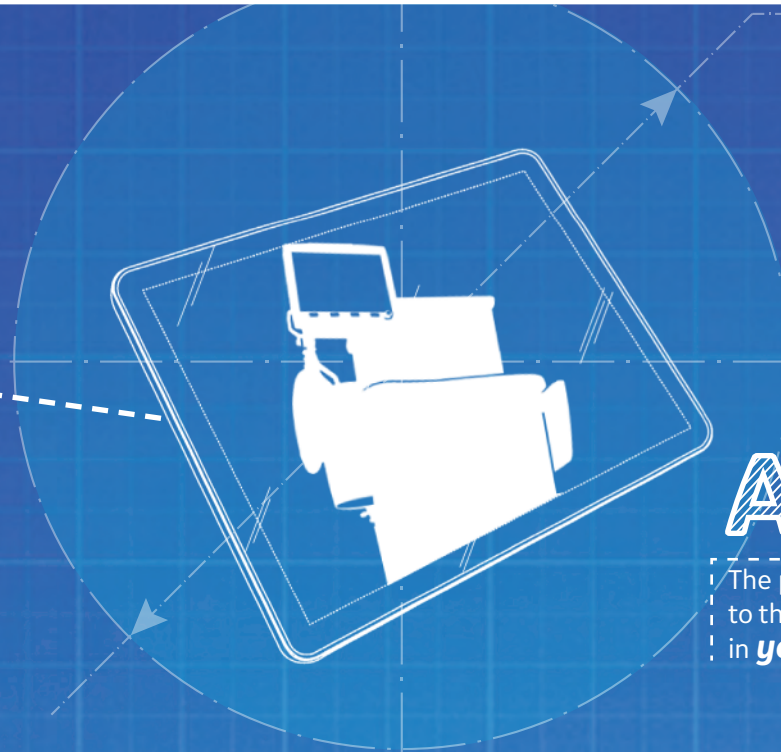


What's a digital twin?
A digital model, or "twin", leverages data from connected devices and makes it accessible for deep analysis.



SIMPLE

Subscription-based offerings supported by a **team of experts**



ACCESS

The power of analytics pushed
to the cloud and delivered
in ***your hand***

Carestation™ Insights

Carestation Insights is a suite of analytics apps powered by the fully digital Aisys CS² anaesthesia delivery system. Aisys CS² sends over 300 data points to the cloud including measured and set ventilation and gas values, alarms, machine status and error codes.

Carestation Insights provides you with a powerful, robust and simple to use suite of cloud-based applications, easily accessed on your computer or tablet. There is enormous potential in exploring new ways of analyzing this data in order to develop a detailed and deep understanding of patient and processes through actionable economic, operational and clinical insights. Carestation Insights.



CarestationTM Insights Designed to support



Anaesthesia department

- Drive best clinical practices
- Promote standardization
- Optimize processes and their adoption
- Measure performance
- Justify choices to management

Make smarter decisions to optimize patient care



Biomedical department

- Improve operational efficiency
- Sustain clinical excellence
- Service and sustain equipment lifecycle

Move from 'break-fix' model to preemptive maintenance



Administration

- Standardize strategy
- Monitor and optimize resource usage
- Encourage best practice

Make meaningful use of your budget

Your Premium Apps Selection





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GE imagination at work

www.gehealthcare.com. Product may not be available in all countries and regions. Contact a GE Healthcare Representative for more information.

Data subject to change. Carestation Insights is not a medical device.

Aisys 11.x is not available in all markets. Not cleared or approved by the U.S. FDA. Not for sale in the United State.

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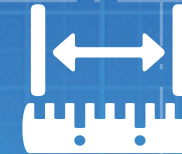


Carestation Digital Twin

GE uses technology to build a digital model, or “twin”, that leverages data from connected devices and makes it accessible for deep analysis.



Brilliant machines with intelligent sensors and IT integration that help enhance productivity.



Data from these machines are funneled into software applications that help reveal insights.



A cloud-based ecosystem of brilliant machines and data analytics helping improve performance.