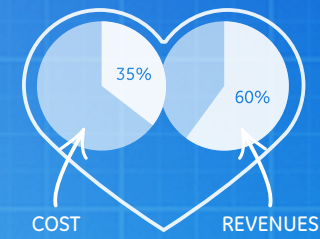GE Healthcare

Carestation™ Insights

ANALYTICS APPLICATIONS SUITE
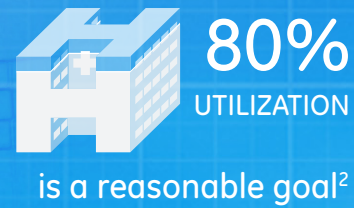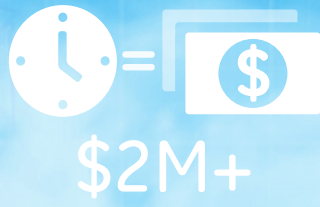
OPERATING ROOMS

The heart of the hospital
ORs account for 35% of total hospital costs and 60% of revenues[1]

35%

60%

COST

REVENUES

Productivity = Utilization
OR utilization hovers around 70%
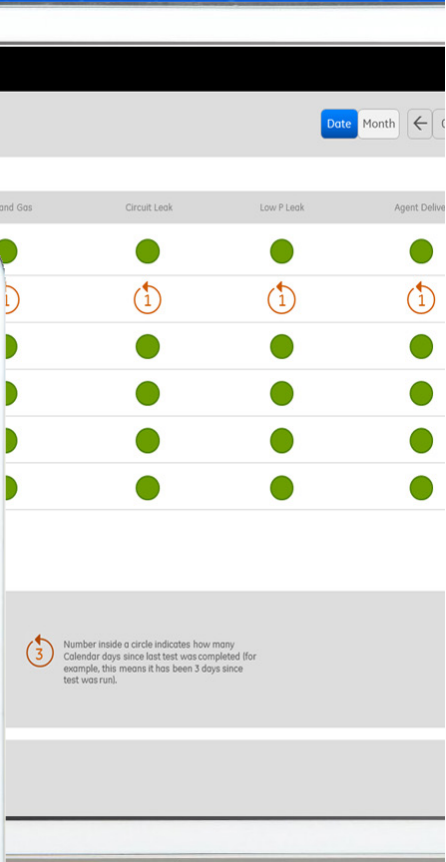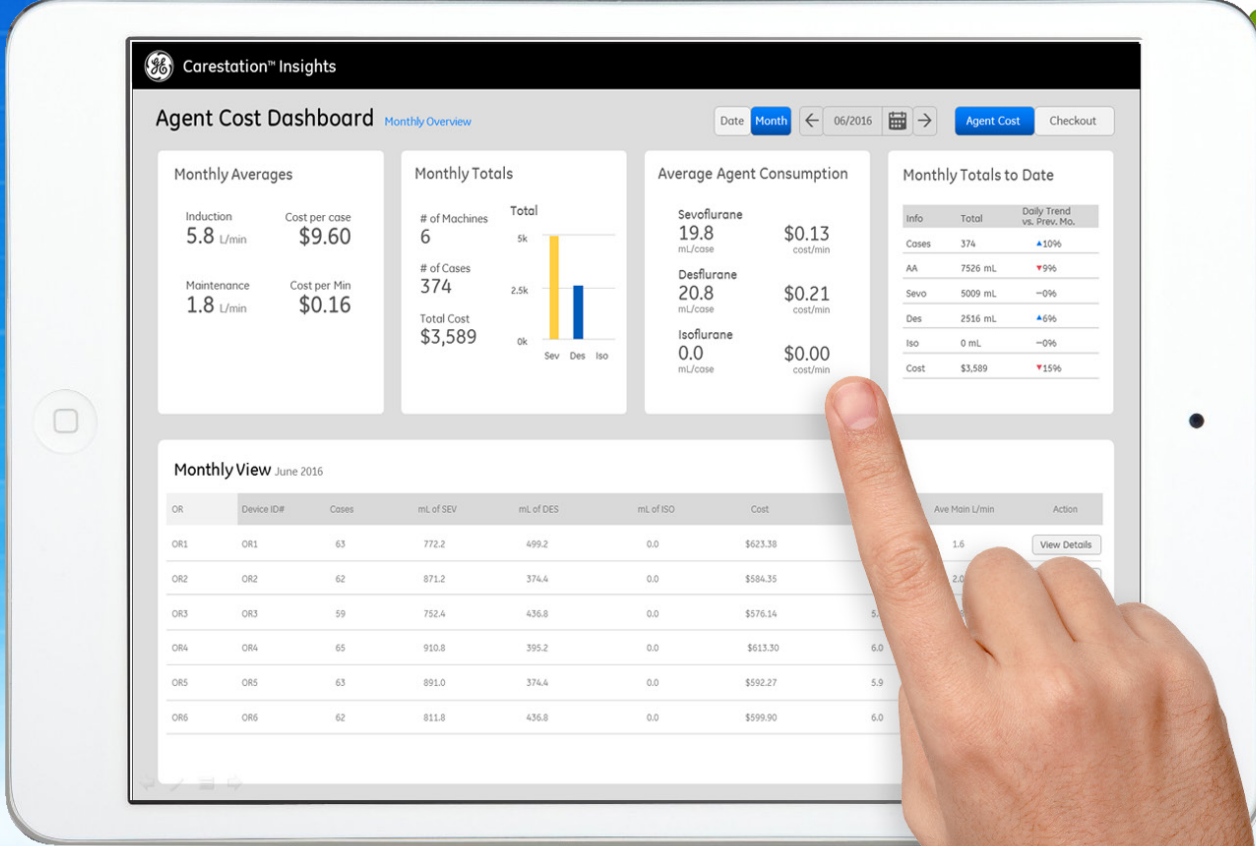
80%
UTILIZATION

is a reasonable goal[2]

Time is Money
Cost of delays[3] per year/facility

🕐 = 💵

$2M+

Carestation™ Insights

Analytics dashboards that capture and track data from connected devices to help enhance workflows.

GE Carestation™ Insights

Agent Cost Dashboard — Monthly Overview — Date Month ← 06/2016 → Agent Cost | Checkout

Monthly Averages		Monthly Totals		Average Agent Consumption		Monthly Totals to Date	
Induction 5.8 L/min	Cost per case $9.60	# of Machines 6	Total	Sevoflurane 19.8 ml/case	$0.13 cost/min		
Maintenance 1.8 L/min	Cost per Min $0.16	# of Cases 374		Desflurane 20.8 ml/case	$0.21 cost/min		
		Total Cost $3,589		Isofiurane 0.0 ml/case	$0.00 cost/min		

Info	Total	Daily Trend vs. Prev. Mo.
Cases	374	▲10%
AA	7526 mL	▼99%
Sevo	5000 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 Main L/min	Action
OR1	OR1	63	772.2	489.2	0.0	$623.38		1.6	View Details
OR2	OR2	62	871.2	374.4	0.0	$584.33			
OR3	OR3	59	752.4	436.8	0.0	$576.14			
OR4	OR4	65	910.8	395.2	0.0	$613.30		6.0	
OR5	OR5	63	891.0	374.4	0.0	$592.27		5.9	
OR6	OR6	62	811.8	436.8	0.0	$599.90		6.0	

Carestation Insights Agent Cost Dashboard

Carestation™ Insights — Checkout Dashboard — Date Month ←

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

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.

STORAGE

Flexible, lightweight infrastructure – *secure and HIPAA compliant*

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

To anesthesia leadership responsible for balancing cost pressure and patient care, Carestation Insights is a suite of cloud-based applications designed to harness the power of connected Carestation data and analytics to help hospitals drive improved quality and financial outcomes.

ANALYTICS
that drive meaningful outcomes

As a market leader in health care devices, GE Healthcare offers the scale and connected technologies to help lead the way in developing healthcare analytics in the digital age.

Surgical Care
Currently accounts for an estimated **52%** of hospital admission expenses in the United States.

Health Care Cost Institute. Health Care Cost and Utlization Report: 2011/ Cormier JN, Cromwell KD, Pollock RE. Value-based health care: a surgical oncologist's perspective / Fry DE, Pine M, Jones BL, Meimban RJ. The impact of ineffective and inefficient care on the excess costs of elective surgical procedures

Healthcare Expense Rising
Centers for Medicare & Medicaid Services, Office of the Actuary
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By 2019, national health spending is expected to reach **$4.5 trillion** and comprise 19.3 percent of GDP

CLOUD BASED SOFTWARE

ANYTIME, ANYWHERE ACCESS

END-TO-END SECURITY

TOP ISSUES FACING HOSPITAL CEOS

1. Financial Challenges   2. Healthcare Reform/Government Mandates   3. Patient safety and quality

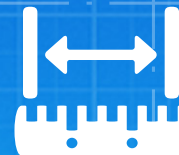*American College of Healthcare Executives study 2014

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.

Imagination at work