

IQ ANALYTICS

Realize the Full Potential of Your Medical Device Data

AN INSIGHTS-BASED APPROACH TO CARE + OPERATIONS

Historically, health care has been more reactive than proactive. But, a more proactive and predictive form of health care is now being embraced in an effort to address staffing issues, reduce costs and improve quality. The availability of data and the ability to transform data into actionable insights are at the core of this important transition. Cloud computing and analytics are enabling these new proactive models and are powering incredible advancements in:



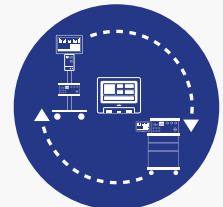
**CARE
STANDARDIZATION**



**TIMELY IDENTIFICATION OF
PATTERNS + TRENDS**



**OPERATIONAL
EFFICIENCIES**



**DEVICE RELIABILITY
+ UPTIME**

50%

of medical device
assets are
underutilized.¹

10%

of medical devices
must be replaced
annually due to loss
or mishandling.²

DATA TO GUIDE INTELLIGENT DECISIONS

Every minute, your organization's medical devices are generating millions of data points with the potential to create insights that significantly enhance care and operations, yet <1% of that data is being fully utilized.*

IQ Analytics is a scalable, cloud-based analytics solution engine that allows the data that's already flowing through your Capsule™ Medical Device Information System Platform to be leveraged so you can easily make important operational and clinical decisions. IQ Analytics transforms your device data into invaluable insights through simple dashboards and configurable notifications.

¹Reduce your costs whilst improving patient care and satisfaction, Frost & Sullivan. 2014
²Mun IK. Medical Device Marking with RFID & Barcode. Universal Hospital Services. 2009
 * Data on file. Qualcomm Life 2017

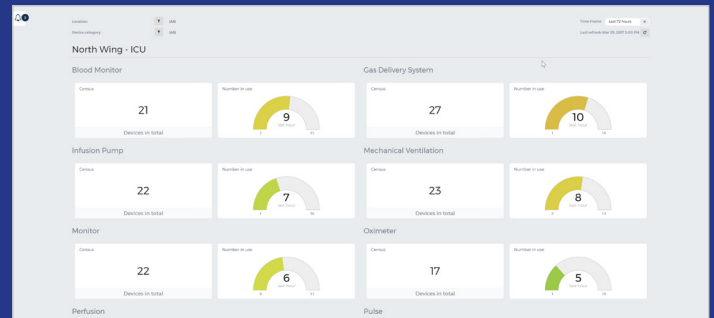
OPERATIONAL + CLINICAL INSIGHTS ACROSS THE HOSPITAL

When your device data is accessible and appropriately utilized, it unlocks insights that can inform improvement initiatives, helping to standardize care and optimize operations. From nurses to clinical engineers to system administrators, your entire organization will realize the benefits of IQ Analytics.

- Reduce workflow disruption due to technical issues, maintenance or device failure
- Pinpoint trouble spots, improve insight into system status and proactively address device issues
- Track and reallocate devices, anticipate shortages and improve distribution
- Inform quality improvement, safety and compliance initiatives

ALL THE INFORMATION YOU NEED, AT A GLANCE

IQ Analytics provides system and device analytics through intuitive dashboards that are accessible anywhere, anytime. The information is customizable and updated in near real time, so you can see exactly what's going on, as it's happening.



IQ Analytics Medical Device Dashboard



CLINICAL ENGINEERS ENJOY CLEARER INSIGHT INTO ASSET MANAGEMENT

- Gain insight to balance utilization and lower the need and cost of new devices and rentals
- Manage Capsule™ Neuron battery life to better plan and prioritize maintenance and replacement
- Gain early visibility on device failures and technical alarms to prioritize maintenance



IT ADMINISTRATORS GAIN SYSTEM-WIDE EFFICIENCIES

- Monitor Capsule infrastructure end to end in one unified dashboard
- Address system issues proactively before they impact device data integration
- Save money and reduce IT complexity by running on existing Capsule MDI infrastructure



NURSES EXPERIENCE LESS CLINICAL DISRUPTION

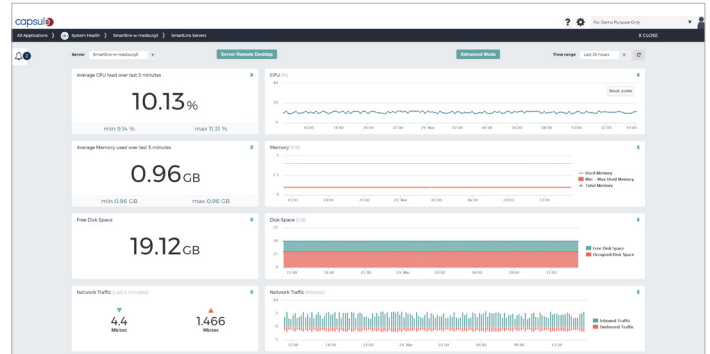
- Address system issues before they impact care with active management of infrastructure
- Manage devices proactively, ensuring availability when and where they are needed
- Enhance workflows through reliable data integration to the EMR or clinical systems

IQ ANALYTICS // PROACTIVE MANAGEMENT OF DEVICES + CONNECTIVITY INFRASTRUCTURE

IQ Analytics's scalable analytics solution engine is deployed within the existing Capsule device integration infrastructure via a cloud-based application, securely capturing and transforming the millions of data points generated by connected devices into actionable insights. IQ Analytics is currently comprised of three applications, with additional clinical applications launching in the coming months:

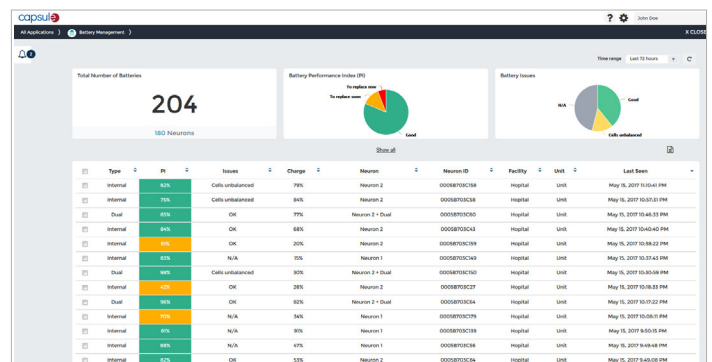
SYSTEM HEALTH

Monitors and displays the status of all Capsule components, including devices, servers and interfaces, displaying them on a single dashboard. Through configurable notifications, System Health alerts you of any issues, allowing for rapid resolution.



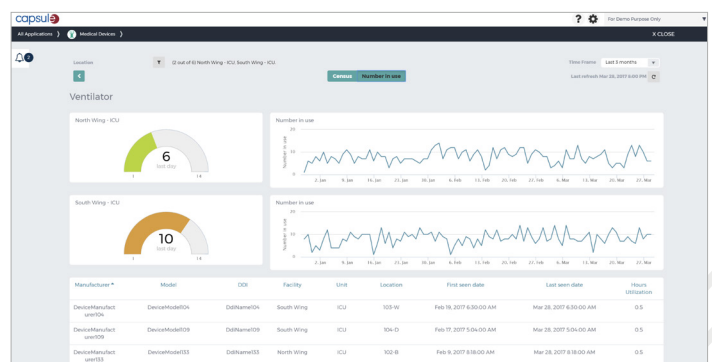
NEURON BATTERY MANAGER

Provides insight into battery status of Capsule Neurons. Aids in planning, maintenance, upgrades and replacements. Provides utilization metrics to help maximize uptime and workflow.



MEDICAL DEVICE DASHBOARD

Easily locate any device you need and view a census of medical devices. You can also view and compare device utilization by unit to support purchase, rental or reallocation decisions. The app lets you easily view, monitor and track all your medical devices and allocate them based on need.



Together, these cloud-based applications deliver the data and insights to efficiently manage your connectivity infrastructure. Deploy now and realize the operational benefits of IQ Analytics and extend your investment into the future with clinical applications that will enable insight-driven proactive care.

Qualcomm Life Intelligent Applications can improve the quality and timeliness of care. Learn more at qualcomm.life.com