

Iris Analytics™

Alarm Analytics and Patient Reporting



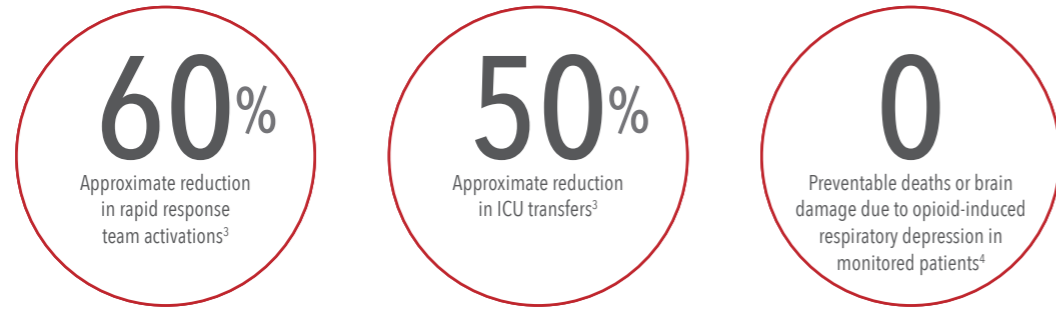
Iris Analytics is a supplemental tool that works in conjunction with Patient SafetyNet™* or Iris Gateway® to generate alarm analytics and individual patient reports across the continuum of care.

With Iris Analytics, users can:

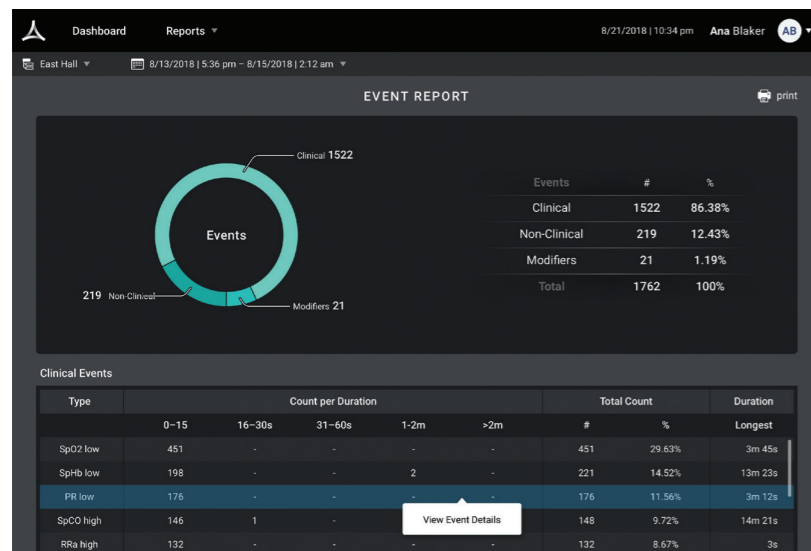
- > Analyse data and generate reports for Masimo devices and third-party devices connected to the Iris® platform
- > Review events and notifications, easily sortable by time period and care area, to provide feedback on hospital performance and floor protocol
- > Generate patient reports, such as parameter trends, histograms, respiration events, and desaturation events to review patient progress

Alarm Management

The Joint Commission,¹ in an effort to address medical alarm fatigue, has issued clinical alarm guidelines that require hospitals to review their alarm management strategy and develop a system to ensure appropriate settings for alarm limits.² A series of studies conducted over 10 years at Dartmouth-Hitchcock Medical Center found that using Masimo Patient SafetyNet and Masimo SET® pulse oximetry as part of a comprehensive alarm management strategy resulted in:^{3,4}



Iris Analytics supports alarm management initiatives by analysing alarm events from connected Masimo systems and providing actionable information to help shape alarm management strategy.



Alarm Events Report

- > View all alarm events from connected Masimo systems
- > Sort alarm events by event type, such as clinical or non-clinical events
- > View detailed information, including the total event count, event durations, and the longest event

Additional Hospital Reports

Notification Report

View all notifications sent to care providers after alarm events have occurred.

Patient Reports

Display administrative information such as admission date, discharge date, and room number.

Device Reports

Display information about connected bedside monitoring devices such as serial number, monitoring time, and utilisation percentage.

Patient Reports

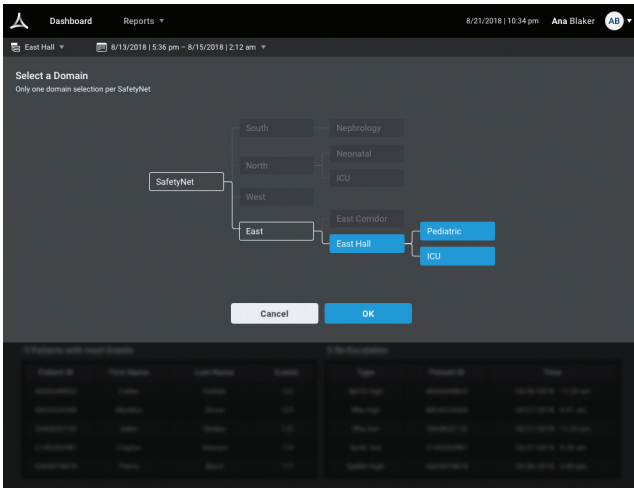
Patient reports generated by Iris Analytics allow users to track patient progress over time with printable PDF reports and downloadable CSV files.

- > Display the total time spent at each parameter value in a histogram format
- > View trend graphs for chosen parameters to visualise patient progress over time
- > Additional desaturation and respiration analysis reports list all desaturation and respiration events according to user-defined categories

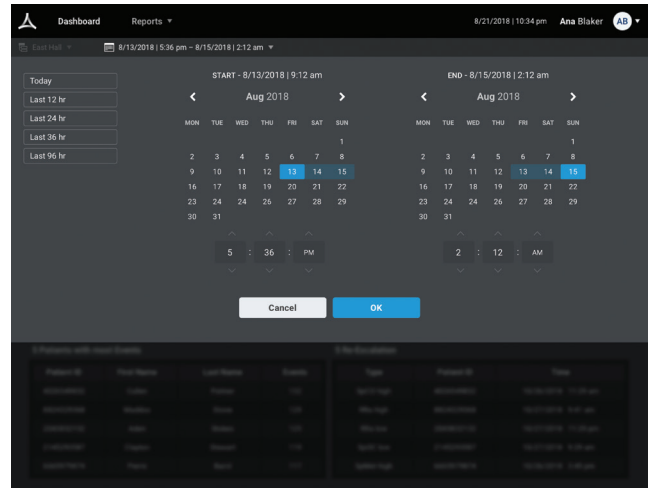


Versatile, Intuitive, and Accessible

Iris Analytics utilises the hospital's network to connect to different systems and devices, and can be deployed on the hospital's existing infrastructure.



Easily expand the scope of reports to multiple Masimo systems in different care areas and domains.



Customise the time period spanned for generated reports.



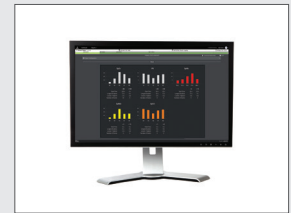
Third-party devices are connected to Root via Iris ports



Root® serves as a connectivity hub for third-party devices



Patient SafetyNet or Iris Gateway aggregates data from multiple devices throughout the hospital



Iris Analytics aggregates data from multiple Masimo systems to generate hospital-wide reports

Specifications

SUPPORTED DESKTOP BROWSERS

Google Chrome
Mozilla FireFox
Microsoft Edge

SUPPORTED SYSTEMS

Patient SafetyNet V5675 or higher
Iris Gateway V1615 or higher

MINIMUM SERVER SPECIFICATIONS

OS RedHat 7.6
CPU Quad-Core CPU, 1.80 GHz
RAM 16 GB
HDD 2 TB

¹ An independent, not-for-profit organisation, The Joint Commission accredits and certifies over 22,000 health care organisations and programs in the United States.

² The Joint Commission. The Joint Commission announces 2014 national patient safety goal, 2013. Available from http://www.jointcommission.org/assets/1/18/jcp0713_announce_new_nspg.pdf 2016. ³ McGrath S et al. *Jt Comm J Qual Patient Saf.* 2016 Jul;42(7):293-302. ⁴ McGrath S et al. *J Patient Saf.* 2020 14 Mar. DOI: 10.1097/PTS.0000000000000696.

* The use of the trademark Patient SafetyNet is under license from University HealthSystem Consortium.

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