Important reminders

Plan your tomorrow in the app by 11 a.m.

- Only add sessions if you plan to attend
- Rooms will be assigned the evening prior
- Win cool prizes!

Make room

- Avoid leaving empty seats
- Please move to the middle

Share your feedback

Complete each session's in-app survey





Lights On Network: improving your organizational performance with data-driven action



Organizational Health

Capabilities

- Peer Comparison
- Real-time monitoring
- Email & Alerting
- Before & After Analysis
- Customization
- Multi-Dimensional
- Accessible from Anywhere

VALUE OUTCOMES

- Quality
- Safety
- Financial Performance

WORKFORCE EXPERIENCE

- Adoption
- Time in EMR
- Alert Fatigue

SOLUTION HEALTH

- Responsiveness
- Configuration
- Stability

SYSTEM ARCHITECTURE

- Performance
- Scalability
- Network Latency

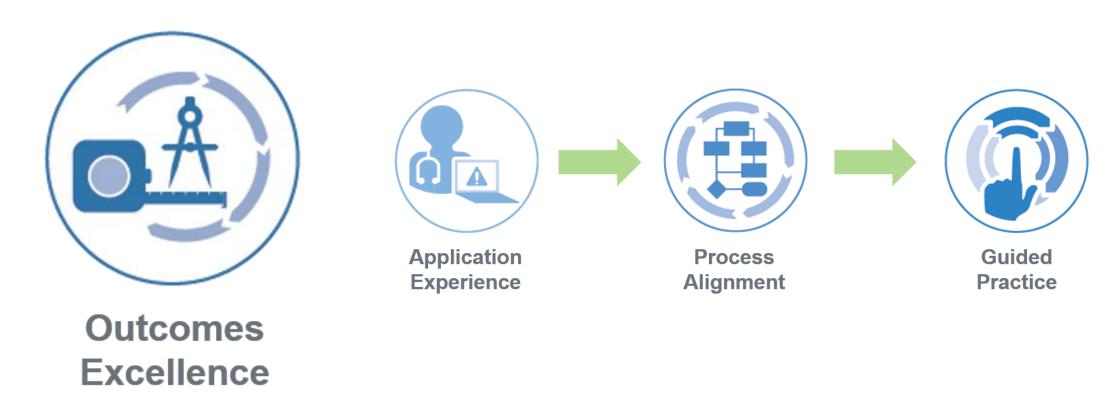






Model Experience Alignment

An objective approach to help you easily identify and prioritize opportunities to align with the Model Experience that will yield the greatest value to your organization.







Insurance verification
No show rate

Patient schedule



Perioperative

On-time starts
Cases Cancelled
Procurement Costs



Emergency

Length of stay
Arrival to triage
Left without being seen



Nursing Care

Incidence of falls Central line days Overdue tasks



Radiology

Requested to complete Complete to final



Meds Process

Med verification time
Discharge meds reconciliation
Rescue drug utilization



Revenue Cycle

Daily revenue
Discharge not final billed
Accounts receivable



Laboratory

CBC turnaround time
Troponin turnaround time
BMP turnaround time



Women's Health

Primary C-section
Breastmilk feeding
Inductions < 39 weeks

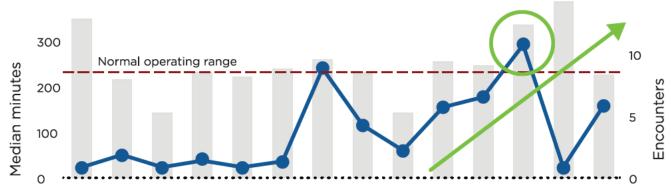


Health Information Mgt

Deficiencies
Deficient Charts

Take Action to Achieve Outcomes

Identify



Monitor performance trends day over day

Analyze



Compare facilities, positions, nurse units, and providers to identify areas for improvement

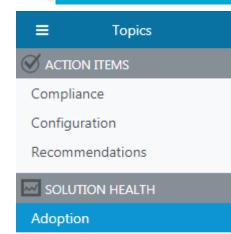
Align



Locate opportunities to align to the Model Experience



Solution Health



Availability

Performance

Security

SYSTEM ARCHITECTURE

Database

Network & Devices

Nodes & Servers

? VALUE MEASUREMENT

Financials

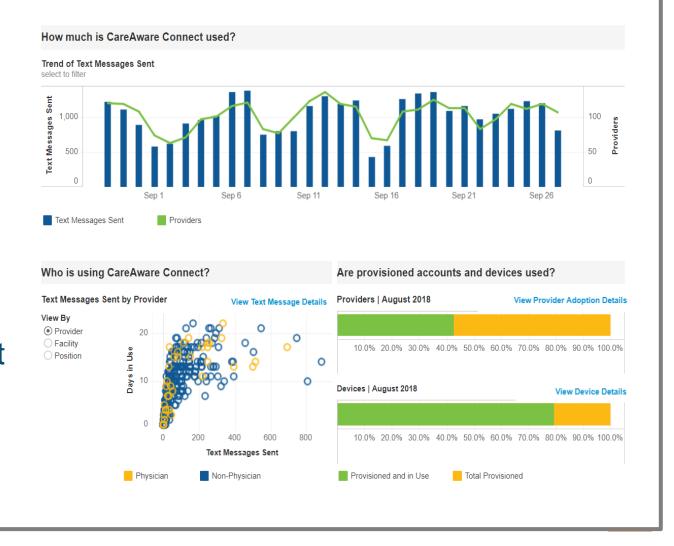
Outcomes Excellence

Regulatory

Workforce Experience

CareAware Connect Adoption

- Track adoption of provisioned users
- Analyze usage patterns across providers, facilities, and roles
- Evaluate consistent solution versions across enterprise and personal devices



Solution Health



Topics



Compliance

Configuration

Recommendations



Adoption

Availability

Performance

Security



Database

Network & Devices

Nodes & Servers



Financials

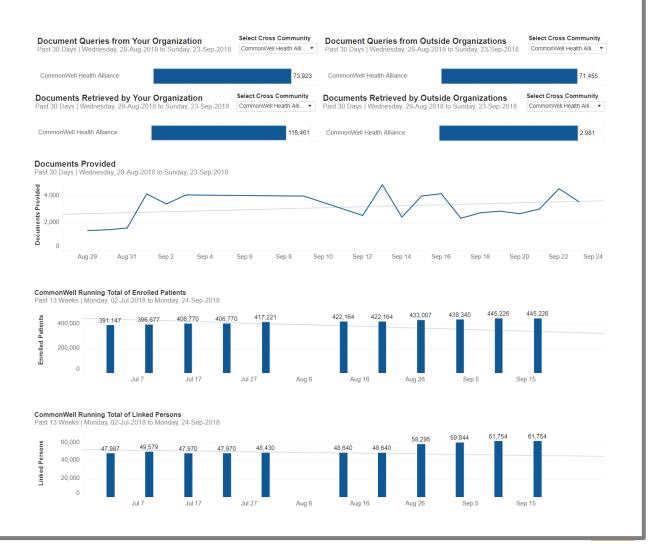
Outcomes Excellence

Regulatory

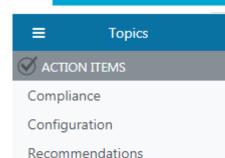
Workforce Experience

CommonWell and Resonance

- Track patient enrollment
- Transparency to documents exchanged via CommonWell
 - Provided
 - Queried
 - Retrieved



System Health



SOLUTION HEALTH

Adoption

Availability

Performance

Security

SYSTEM ARCHITECTURE

Database

Network & Devices

Nodes & Servers

∇ VALUE MEASUREMENT

Financials

Outcomes Excellence

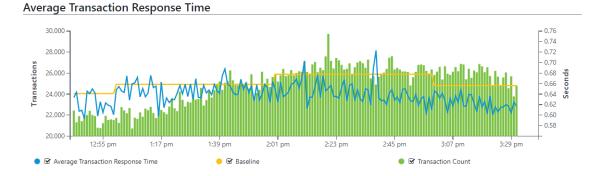
Regulatory

Workforce Experience

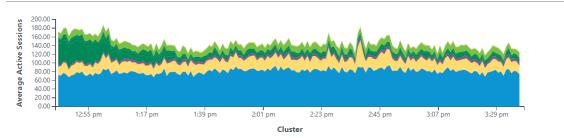
Technology Performance Evaluation

 Real-time monitoring of performance abnormalities

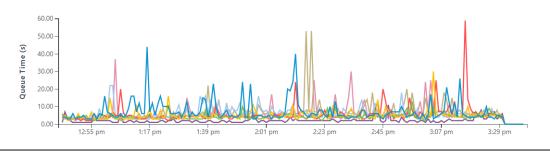
 Integrated analysis across the technical stack



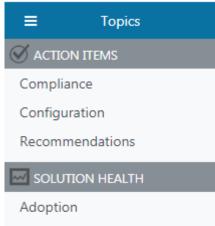




Millennium Application Shared Service Request (SSREQ) Time by Node



System Health



Availability

Performance

Security

SYSTEM ARCHITECTURE

Database

Network & Devices

Nodes & Servers

VALUE MEASUREMENT

Financials

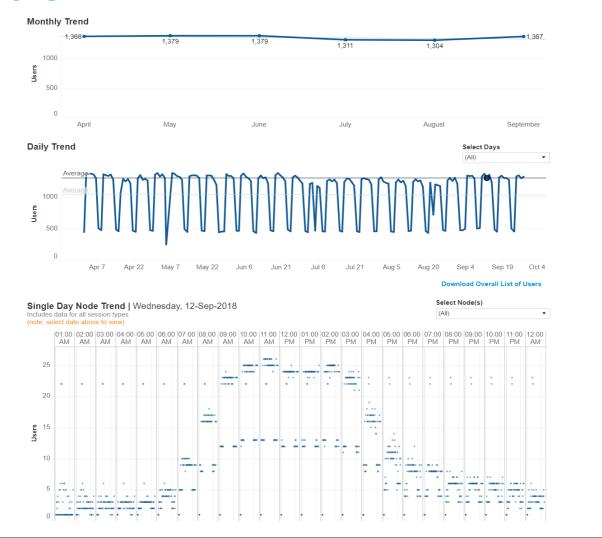
Outcomes Excellence

Regulatory

Workforce Experience

Citrix Concurrent Users

- Track peak concurrent Citrix users per month, day, and hour
- Analyze user sessions by type per node





Drive outcomes



Quality & safety

Role



Patient satisfaction

Efficiency

Days

worked

Responsive

Adoption

Configuration

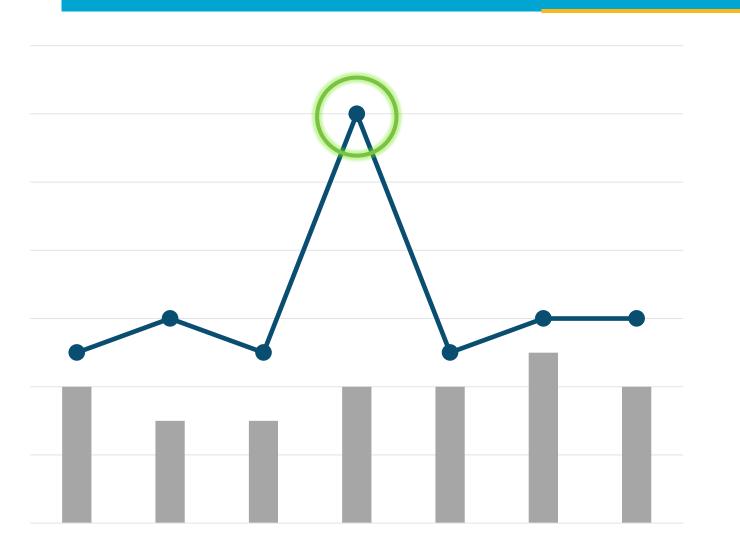


Support application experience



Improve workflows

Event Tracking



What happened? View change events Add context



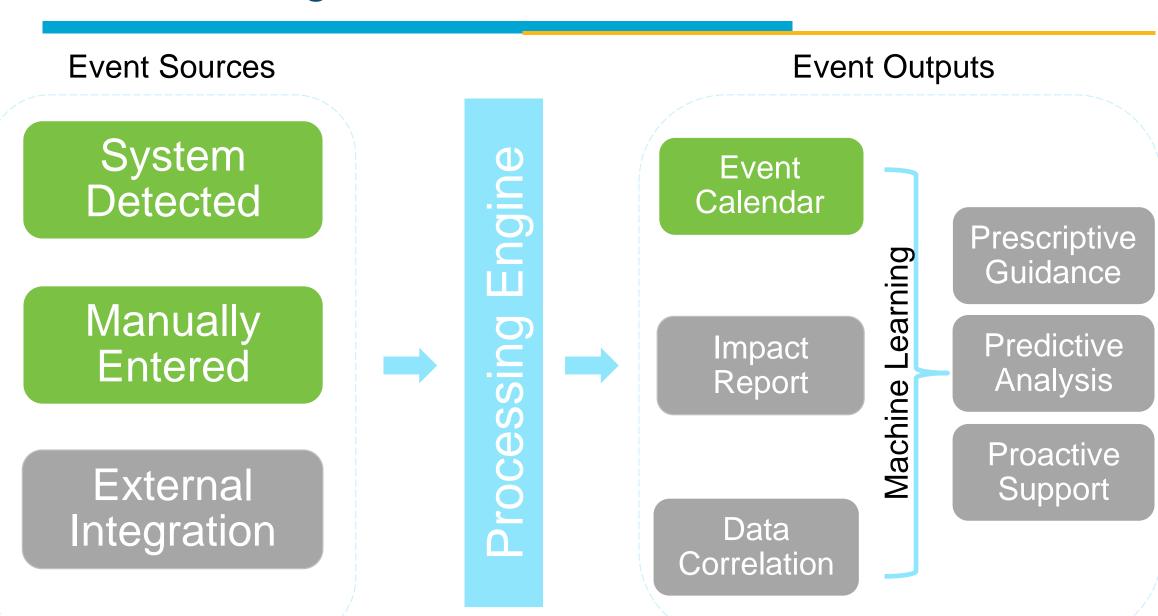
Event Types

- Solution
 - Upgrade
 - Millennium Package Installations
 - Solution Version
 - Configuration
 - Oracle Initialization Parameters
 - Physician and Nursing Standards (prefs/privs)
 - Model Experience Alignment checks
 - Workflow
 - New solution and capability usage
- Technology
 - Upgrade
 - Nodes and Servers
 - Layered Software Version
 - Configuration
 - Compliance Checks

- Other (manual only)
- Services
 - Consulting Engagements
 - Facility Go-Live
 - Continuous Advancement Project
- Incidents
 - Outage



Event Tracking



Lights On Network

Transforming Data into Knowledge and Action

https://lightson.cerner.com

Provider Profile



Smith, John

Category

MPages

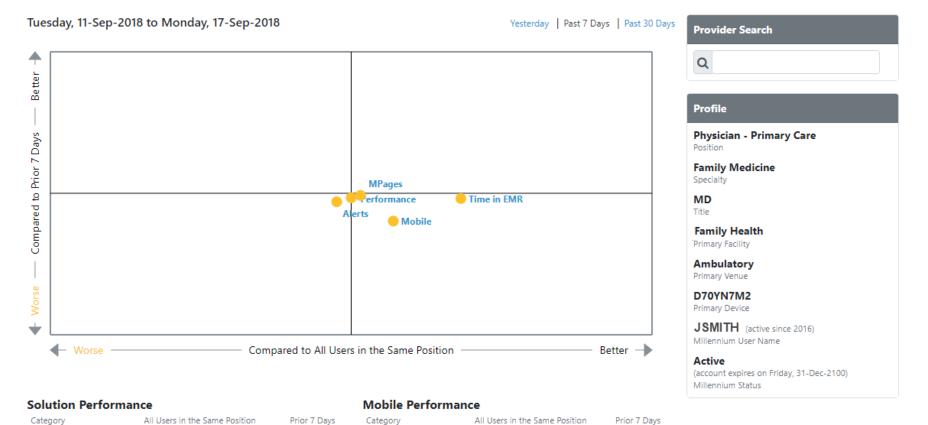
Ignite

Performance

→ 3.4%

N/A

Physician | Physician - Primary Care



All Users in the Same Position

All Users in the Same Position

4 23.6%

Prior 7 Days

4.4%

◆ 7.2%

→ 15.4%

→ 40.1%

← 5.3%

Prior 7 Days

1.8%

N/A

Category

Mobile

Category

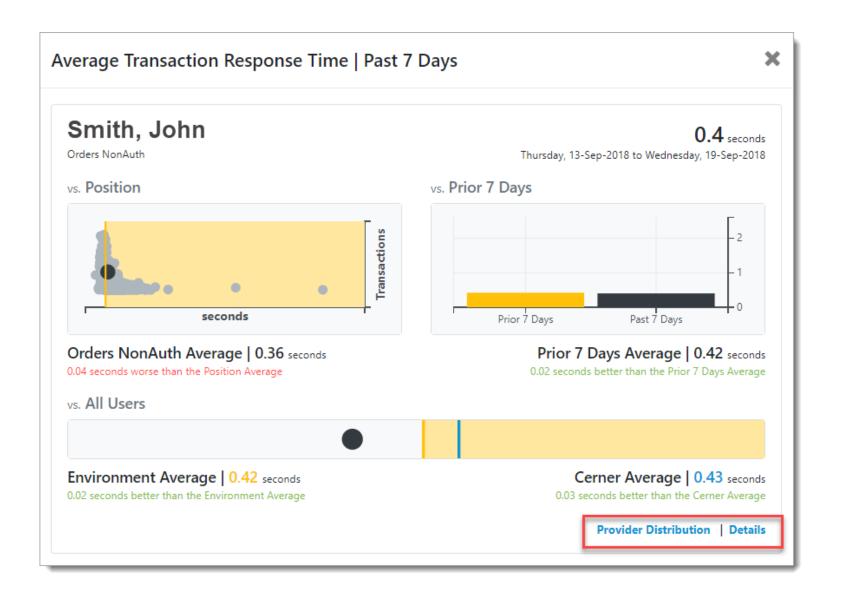
Alerts

Time in EMR

Workforce Experience



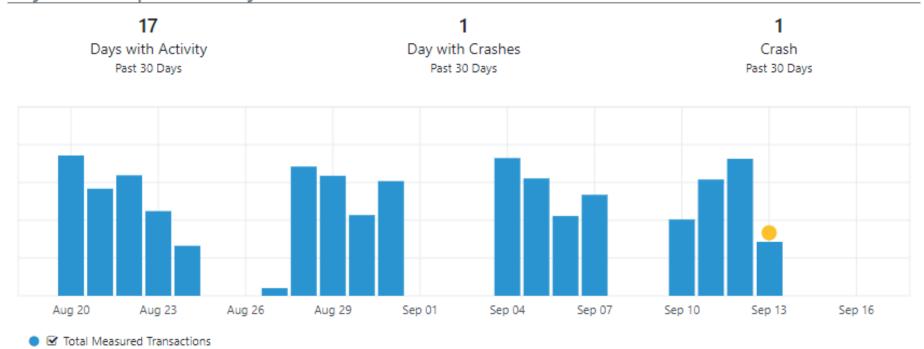
Peer Comparison





Days Worked & Disruptions

Days Worked | Past 30 Days



Crashes | Past 30 Days

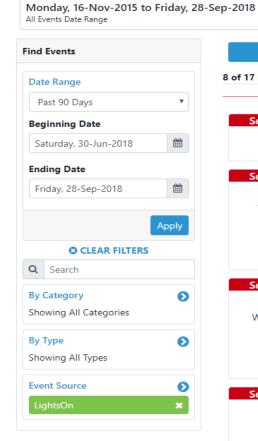
Total Crash Count

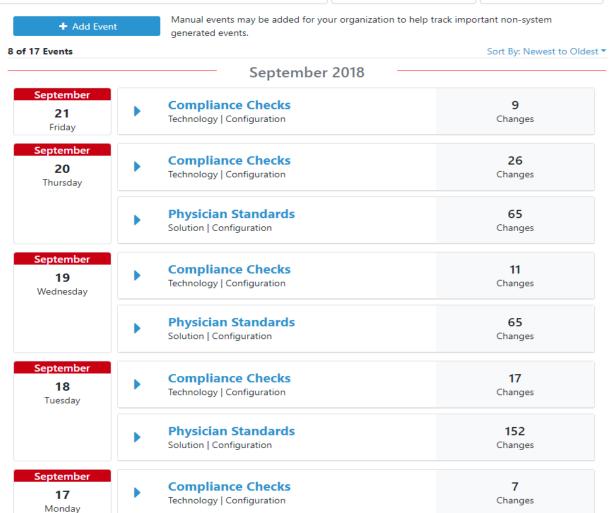
View Details

Solution Crash | Thursday, 13-Sep-2018, 8:55 AM



Event Tracking





37

Manual Events

103

Total Events



Event Tracking Details

September

23 Sunday



Start Date: Sunday, 23-Sep-2018 **View Current State** End Date: Sunday, 23-Sep-2018 **Download Table**

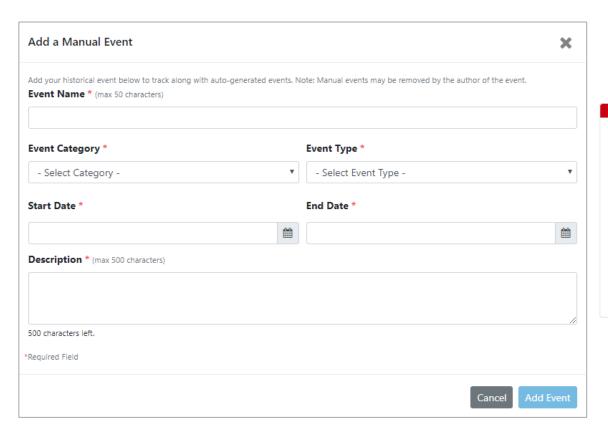
Name	Status	Before	After
CWXPI 3484 SQL*Net.ora encryption for data in transit ORACLE	Modified	PASS	FAIL
CWXPI 3858 Enable CareAware Notifications in iBus PIAUDIT	Modified	PASS	FAIL
CWXPI 492.1 Front-end Server Uptime Stability PIAUDIT	Modified	PASS	FAIL
Purge Template 904425945 - Workflow Task Queue Hist Purge PURGE	Modified	FAIL	PASS

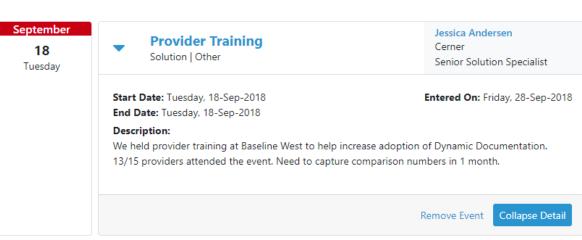
Collapse Detail



Manual Events

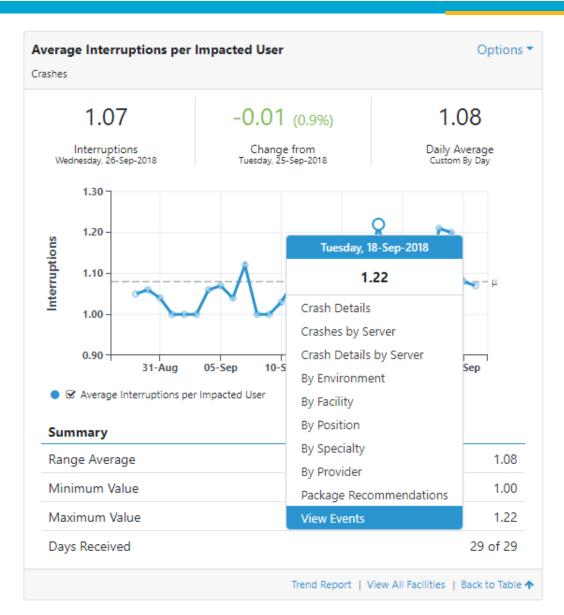
+ Add Event







Event Analysis







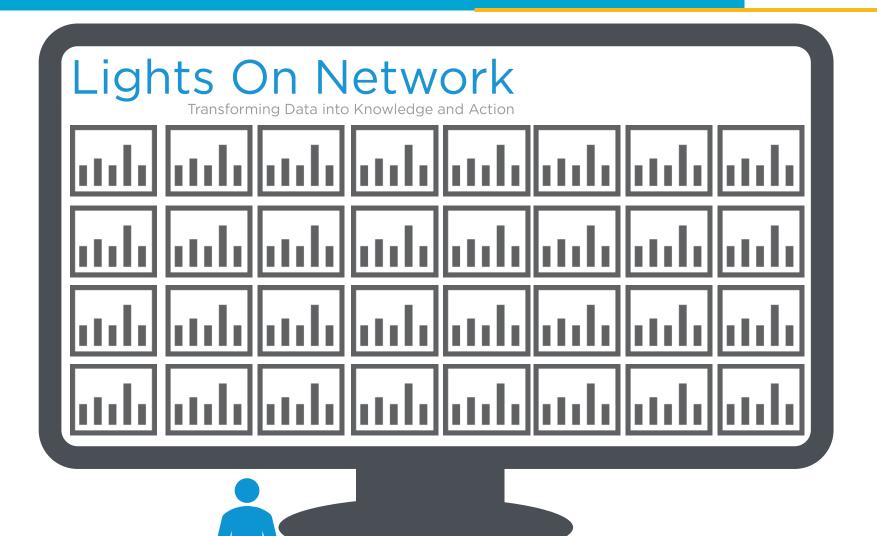
Unified transparency across platforms



- Transparency across Cerner's core platforms for integrated analysis
 - Millennium
 - CareAware
 - HealtheIntent
- Additional organizational context through external sources



Create a targeted experience



78 DASHBOARDS

381 REPORTS

426 METRICS

138 ROLES

16,537 USERS



Organizational Health Model

Right data, right time, right person to make optimal decision

Insight

Executive Scorecards Targeted Comparisons Anomaly Detection Change Analysis Machine Learning Artificial Intelligence

Smarter Assessments

Personalization

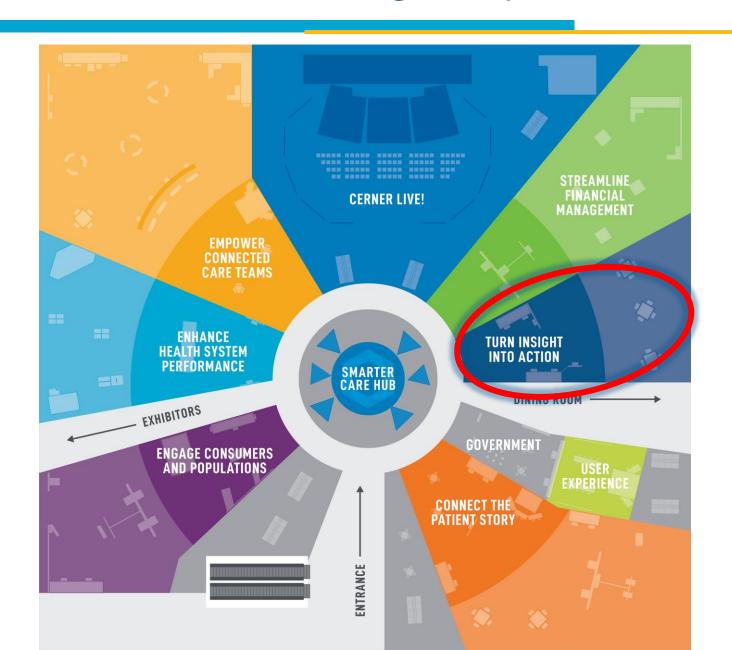
Contextual Awareness Custom Dashboards Organizational Goal Setting Controlled Topic Access

Expert Guidance

Prescriptive Recommendations Predictable Outcomes Sharable Insights

Experience **Targeted**

Learn more in the solutions gallery



Related Education Sessions

Today

3:30 PM - 4:30 PM

Addressing the overburdened clinician with an optimization "Uplift" program at IU Health

Wednesday, October 10th

11:00 AM - 12:00 PM

Clinical documentation modernization: our strategy to create efficient documentation

12:15 PM - 1:15 PM

Using CDS to overcome obstacles: processes, capabilities, and metrics to make an impact

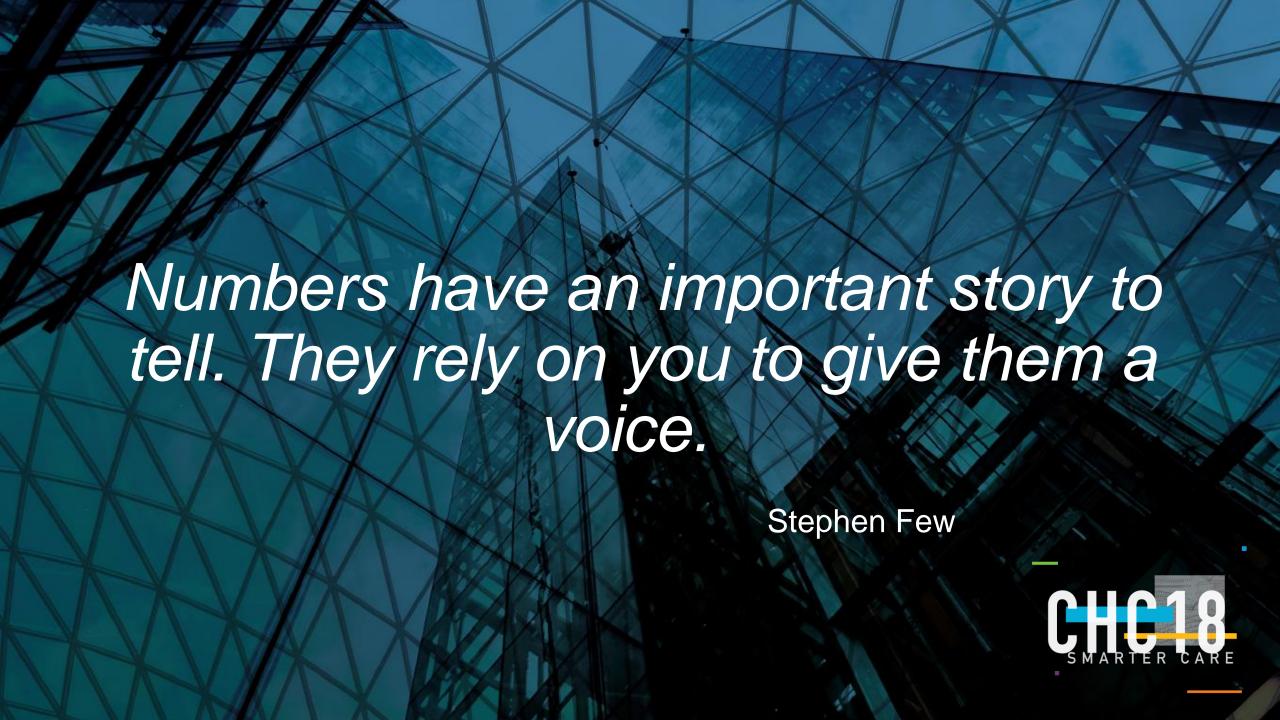
1:30 PM - 2:30 PM

Incorporating management for daily improvement to support continuous advancement

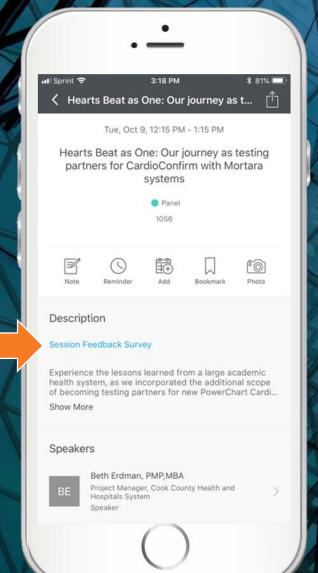
2:45 PM - 3:45 PM

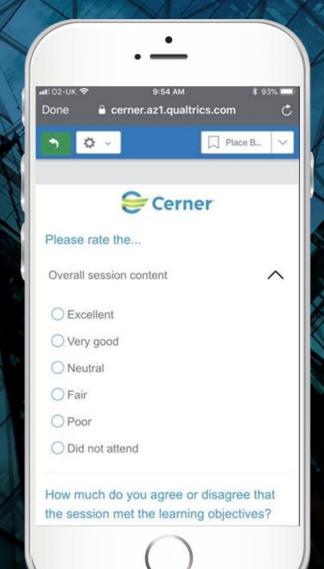
Using data analytics to decrease nursing time in the EHR





Share your session feedback







LightsOn Resources

- Videos: https://connect.ucern.com/docs/DOC-240163
 - LightsOn WBT: https://connect.ucern.com/docs/DOC-627141
 - Advance WBT: https://connect.ucern.com/docs/DOC-549788
- Workshop: https://connect.ucern.com/thread/1704929
 - LightsOn & Advance
 - 3 days
 - Instructor led
- Reference Pages: https://wiki.cerner.com/x/nLJV
 - User guides for each dashboard
 - Metric Definitions

