Welcome
Tableau and Cerner's HealtheIntent | Advancing health and care

Peter Smart
Senior Director & Solution Executive, Analytics
Cerner Corporation
Agenda

About Cerner

Cerner and Tableau

Population Health and Analytics

Client Stories
About Cerner
Cerner Today

27,500+ Associates
5,900+ hospitals
More than 662,000 physician users and 2,000,000 non-physician users
14,300+ Physician Practices

400+ Patents Worldwide
3,400+ Home Health Care & Long-Term Care Facilities

Contracted at more than 27,000 provider facilities in 35+ countries

More than $6.3B cumulative R&D investment

$5.1Billion 2017 Revenue

696 Acute Clients
1,519 Ambulatory Clients

HIMSS 6
HIMSS 7

Updated 05/2019
A robust client community
Award-winning clients

- **Health Care**
  - 2015 HIMSS Davies Enterprise Award

- **Advocate Health Care**
  - First global recipient of the HIMSS Davies Enterprise Award

- **Children's National**
  - 2017 HIMSS Davies Enterprise Award

- **Lafayette General Health**
  - 2017 HIMSS Davies Enterprise Award

- **Nicklaus Children's Hospital**
  - 2017 HIMSS Davies Enterprise Award

- **marinaSalud**
  - Department of Salud and Dania

- **PennState Hershey**
  - 2015 CHIME Federal Public Policy Award for CIO Leadership

- **Tri-City Medical Center**
  - 2015 Hospital Award for Volunteer Excellence

- **Our Lady of the Lake Regional Medical Center**
  - 2015 NOVA Award

- **Florida Hospital**
  - 2015 NOVA Award

- **New England Rehabilitation Hospital of Portland**
  - 2014 Hospital Award for Volunteer Excellence

- **Children's National**
  - 2015 CHIME-AHA Transformational Leadership Award

- **Northwest Medical Center Bentonville**
  - 2014 Hospital Award for Volunteer Excellence

- **TMC Truman Medical Centers**
  - 2014 CHIME-AHA Transformational Leadership Award

- **Tenet Health**
  - 2014 CHIME Federal Public Policy Award for CIO Leadership

- **Sparrow**
  - 2014 Hospital Award for Volunteer Excellence

- **Palmetto Health**
  - 2014 Foster G. McGaw Prize for Excellence in Community Service

- **TMC Truman Medical Centers**
  - 2014 HIMSS Davies Enterprise Award
Cerner and Tableau
Cerner and Tableau

Origins
Partnership struck in 2014
Population Health – OEM Partner
Corporate – Tableau Install

Population Health
178 different sites
185,000+ licensed users
600 scheduled tasks
158gb, 8 servers

Corporate
2 sites
14,000 users
47gb

Other Domains
UK
Federal (DOD, VA)
State/TMSIS (Montana)

Up Next
Other Global (EU, South Pacific etc.)
Cerner and Tableau

Origins
Partnership struck in 2014
Population Health – OEM Partner
Corporate – Tableau Install

Population Health
178 different sites
185,000+ licensed users
600 scheduled tasks
158gb, 8 servers

Corporate
2 sites
14,000 users
47gb
Heavy Engagement w/ Tableau

Elite Support

Site-specific SAML

Automation

Security
Population Health and Analytics at Cerner
Create a unified person view
HealthIntent platform

Aggregate and normalize

Create and apply intelligence

Act and measure

- Person
- Health coach
- Care manager
- Home health assistant
- Clinician
- Provider
- Data scientist
- Executive
140+ HealtheIntent Signed Clients and Counting

Health systems

Community hospitals

ACOs / CINs

Others (governments, employers and more)

*Information is current as of Sept. 2017
HealtheAnalytics

Enabling organizations to leverage data to manage, analyze, improve, learn & share

By providing a unified platform that enables...

- Enterprise data management
- Turnkey analytic experiences
- Self-service capabilities
- Research enabled capabilities
- Ecosystem for innovation

Achieving clinical, financial, operational and population management outcomes
Out of the box value

### Benchmarks
- CMS
- Hospital general information
- Healthcare associated infections
- Readmissions, complications, & death
- Value based purchasing scores
- Timely & effective care
- Outpatient imaging efficiency
- Relative value units
- Hospital acquired condition
- Heart attack payment data
- Hospital ACS measures
- Medicare hospital spending by claim
- Medicare volume
- Outpatient procedures volume
- Measure dates
- HCAHPS
- Medicare prescribing data

### Evidence-based algorithms*
- Potentially preventable events
- MS-DRG
- APR-DRG
- EAPG
- Episode grouper
- Benchmarks
- HCC suggested diagnosis
- HCC persistence diagnosis
- Recommended transition of care
- Readmission risk
- Sepsis risk

### Reference
- Social vulnerability index
- American time use survey
- Tract-zip & zip-tract

---

*Some content requires corresponding Analytics package
Client Stories
We trust this data. We now have insight that the payers do not have. We never really knew how well we were performing [at the population level, region, hospital, practices, provider levels, etc...] and with HealtheIntent we can.

Nicole Clarke Luck
Vice President, Strategic Analytics and Finance, Memorial Hermann Health System
Using data to solve business problems

Goals
Memorial Hermann wanted visibility to the following:

- Find network leakage patterns and revenue opportunities
- Performance on eight value-based contracts, which usually include cost, utilization, and quality metrics
- Provider performance
- Utilization of post-acute network

Results
Collaborating with the HealtheEDW team, Memorial Hermann was able to:

- Identify ‘controllable’ network leakage and put strategies in place to reroute referrals and utilization
- Understand performance across their provider network and seven at-risk contracts
Direct to Employer
We’re using HealtheEDW to help us see into our operations and into our network and see where we can continue to improve overall cost and quality, and we have just started scratching the surface on what it can do.

Amanda Hammel
Chief Information Officer, Memorial Hermann Health System
Understanding BPCI-A

Goals
Advocate Health System and Advocate Physician Partners wanted to understand if they could be successful in the BPCI-A program.

Results
Collaborating with the HealtheEDW team, Advocate was able to:

- Understand at a high-level which bundles they were most likely to be successful
- Identify which initiator locations historically performed better than others
- Deep-dive into post-acute spend and differentiate between PAC and non-PAC
Actioning HCCs

**Goals**

Providers and Plans alike want to ensure that level of well-being is accounted for.

**Results**

With persistent and suspected algorithms, and a Tableau dashboard that provides actionable data, clients can:

- Determine which type of population to go after
- Understand who is up for outreach
- Know which charts to chase
- Identify which providers and practices to work with
Please complete the session survey from the Session Details screen in your TC18 app.
Thank you!

Contact or CTA info goes here
TABLEAU CONFERENCE