MEDITECH

Surveillance Collaborative

May 8, 2025

Key Points

- Frederick’s SIRT Surveillance Utilization Report Statistics
- Surveillance Public Service Announcement
- Development items related to query response time
- Troubleshooting Tips

MEDITECH

VISION

Advance digital health record technology so every patient and their providers can access their health information and participate in their care. We believe every healthcare organization can better serve its community with open access to electronic health records, clinical knowledge, and data.

MISSION

Enable global healthcare organizations to deliver safe, efficient, and impactful care to the communities they serve through our comprehensive software, services, and technology

VALUES

Integrity

Investing in the future: people, process, and technology

Sustainability and focus

Fiscal responsibility

Ensuring a positive long-term impact on customers, staff, and the industry

Our solutions drive organizations to improve efficiency; guide clinical, financial, and operational decisions; and connect clinicians across a dynamic healthcare ecosystem in support of holistic, person-centered care.

Surveillance Collaboration

Our Mission

To incorporate **Surveillance** throughout healthcare organizations. To **enhance safety practices and access to information**. The Surveillance Collaborative Forum will serve as subject matter experts and provide guidance, recommendations, and conceptualization on Surveillance Best Practices through the use of MEDITECH software and provide feedback for the future design of the Surveillance application.

Our MEDITECH Members

- Daniel Seltzer, Quality & Toolkits
- Gregory Ayers, HCA Surveillance
- Brett Muirhead, MaaS Implementation
- Jennifer Ford, Strategy Division
- Jonathan Hallman, Client Services
- Jonathon Junker, Client Services
- Ilana Gutierrez, Implementation
- Israel Perez, EMT Client Services
- Scott Gooch, Development
- Arthur Keown, Development
- Paul Kane, Development
- Larissa DeGregorio, Client Services
- Dr. Marsha Fearing, MD, MPH, MMSc., Physician Specialist

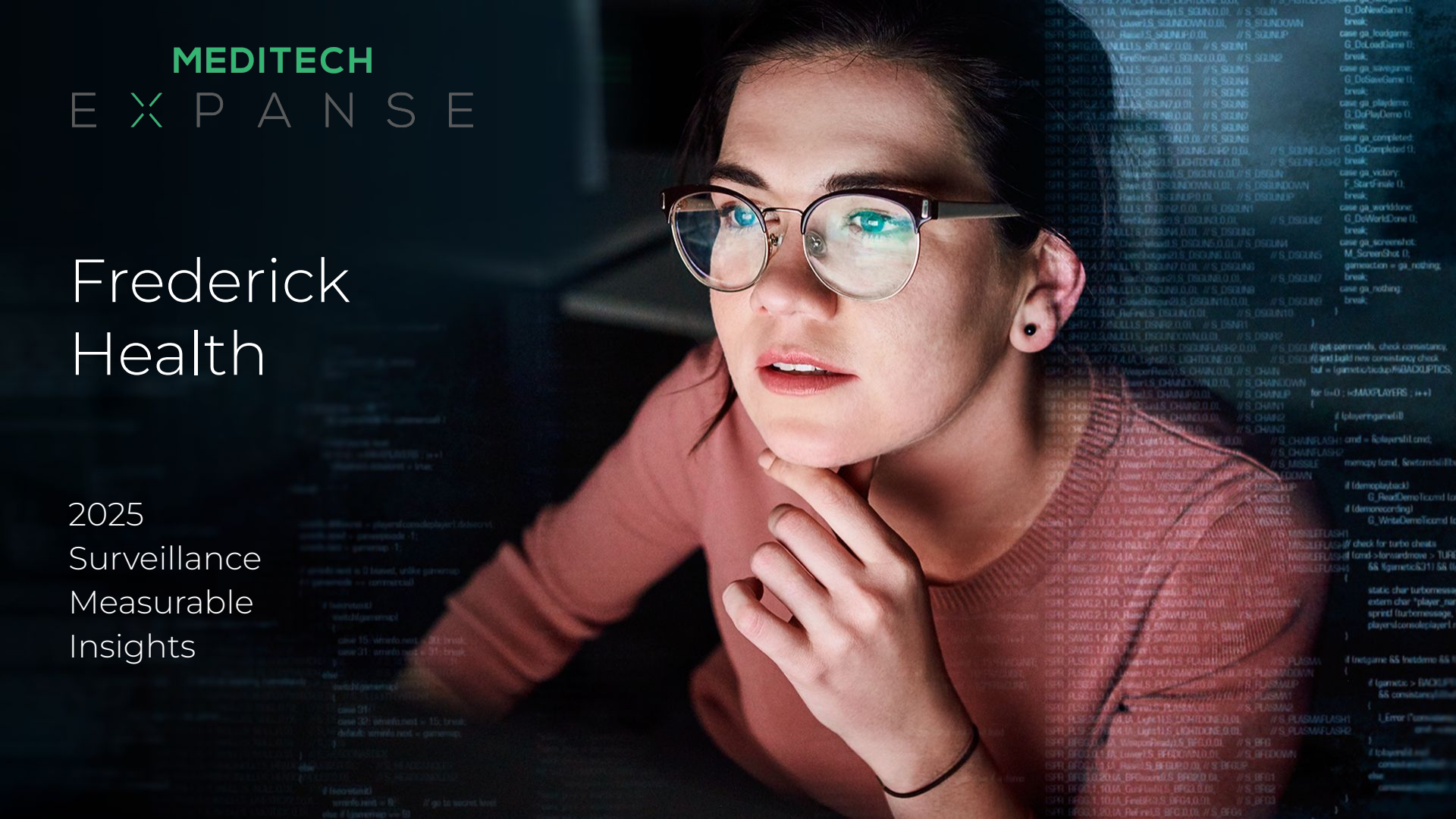
Our Client Members

MEDITECH

EXPANSE

Frederick Health

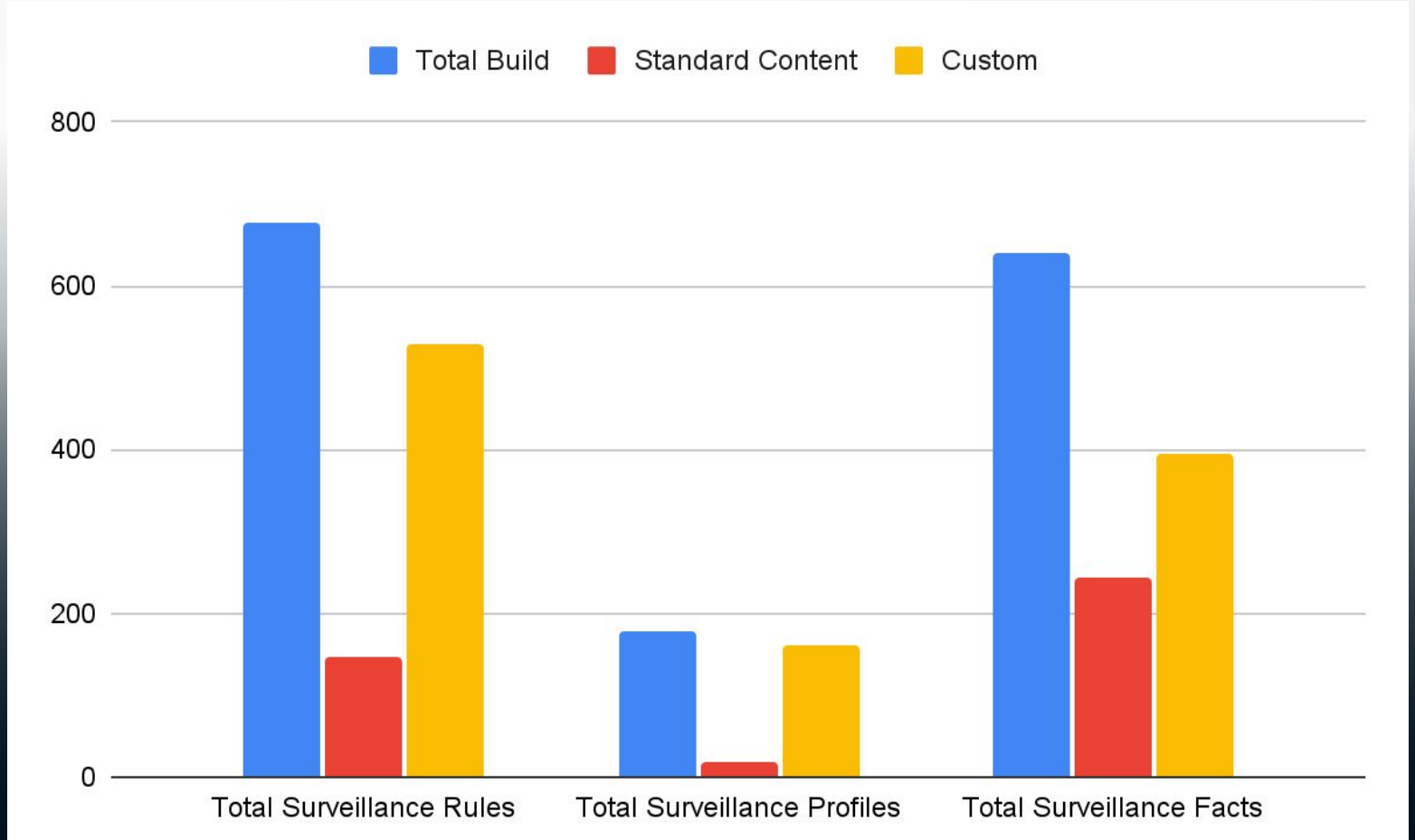
2025
Surveillance
Measurable
Insights



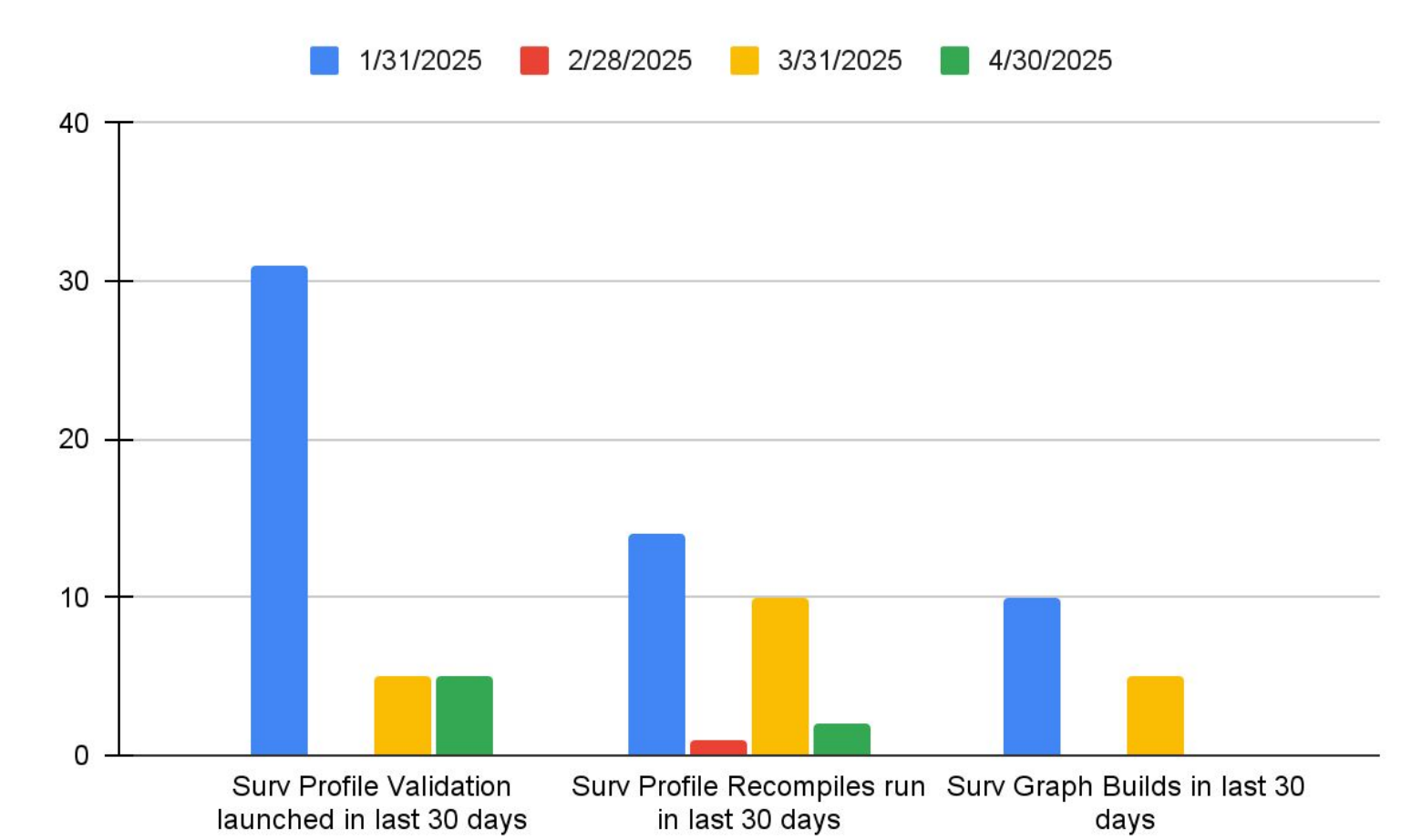
Surveillance Build Graphs

Profile Build

April 2025

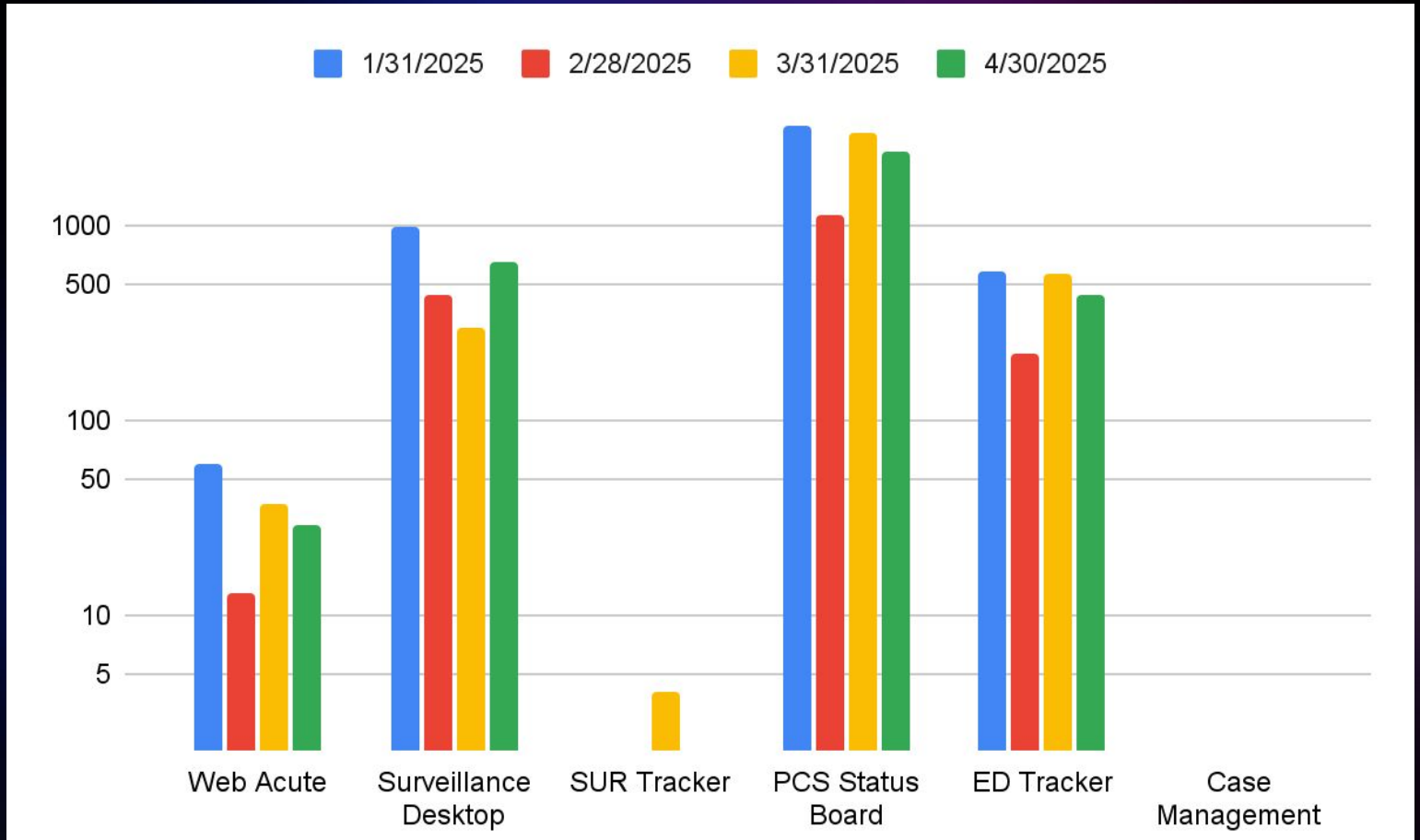


Surveillance Build Routines: Validation, Recompile, and Build

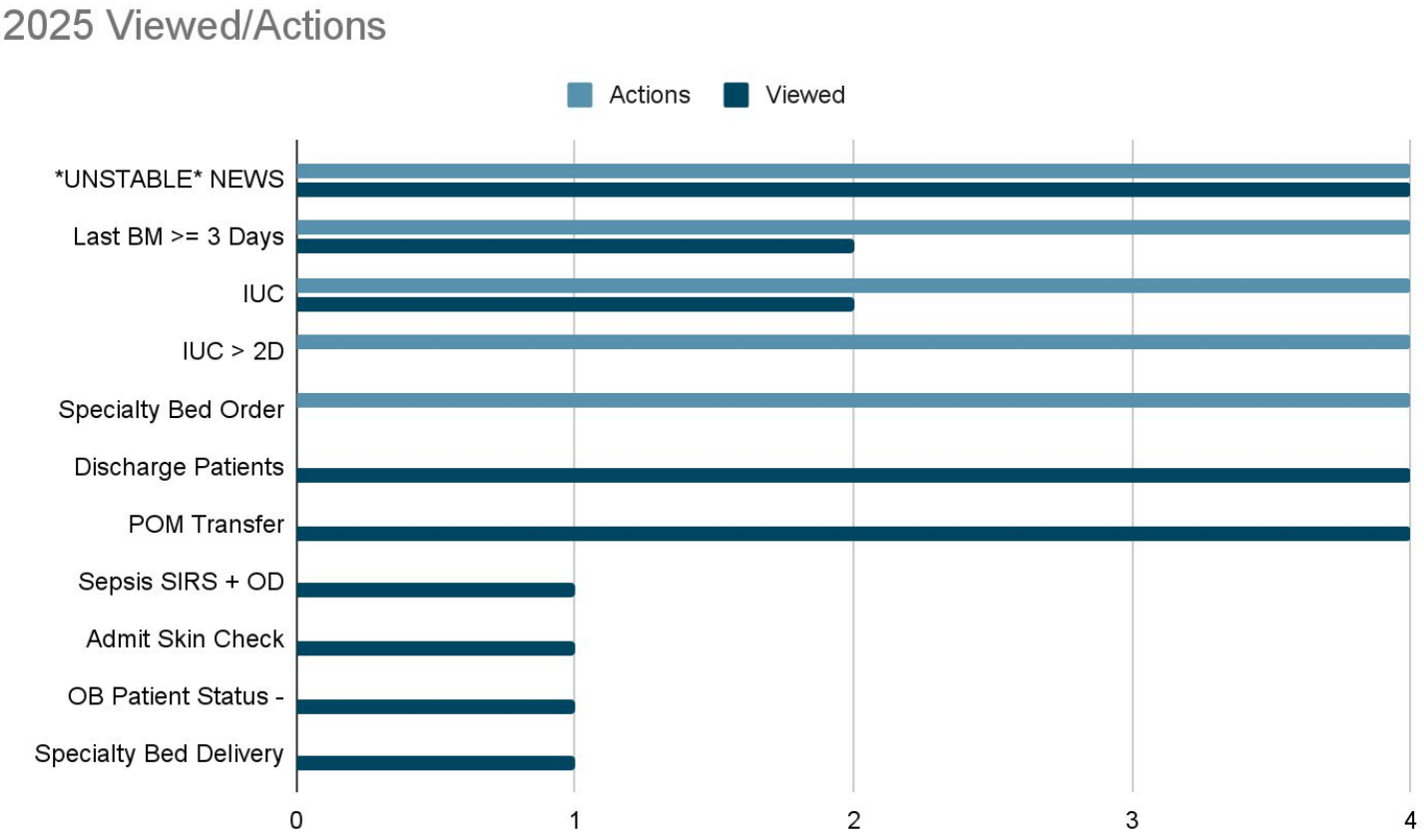


Front End Usage

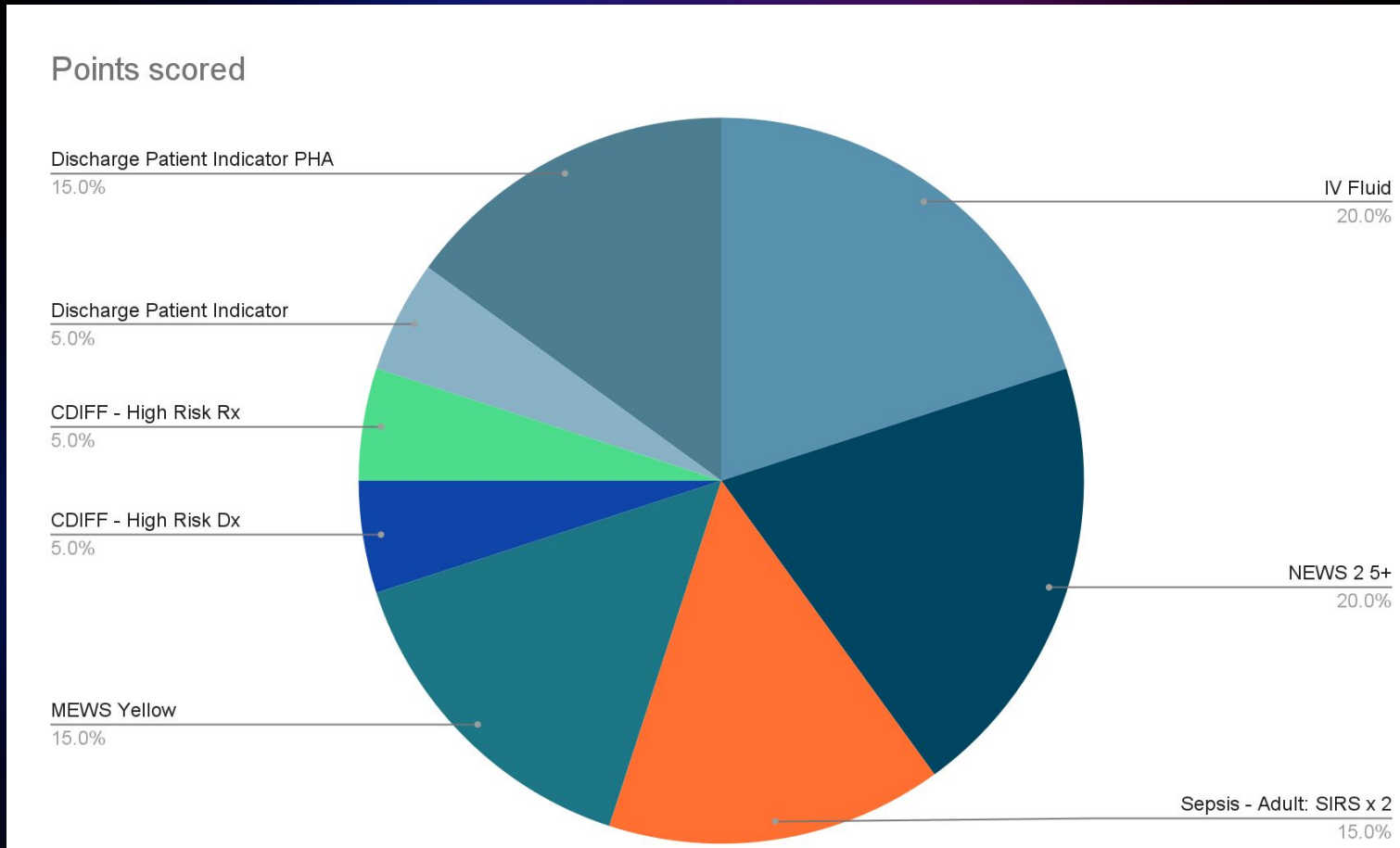
Surveillance Usage



Surveillance Usage
Actions/Viewed 2025



Surveillance Usage
Most Qualified 2025



Surveillance PSA

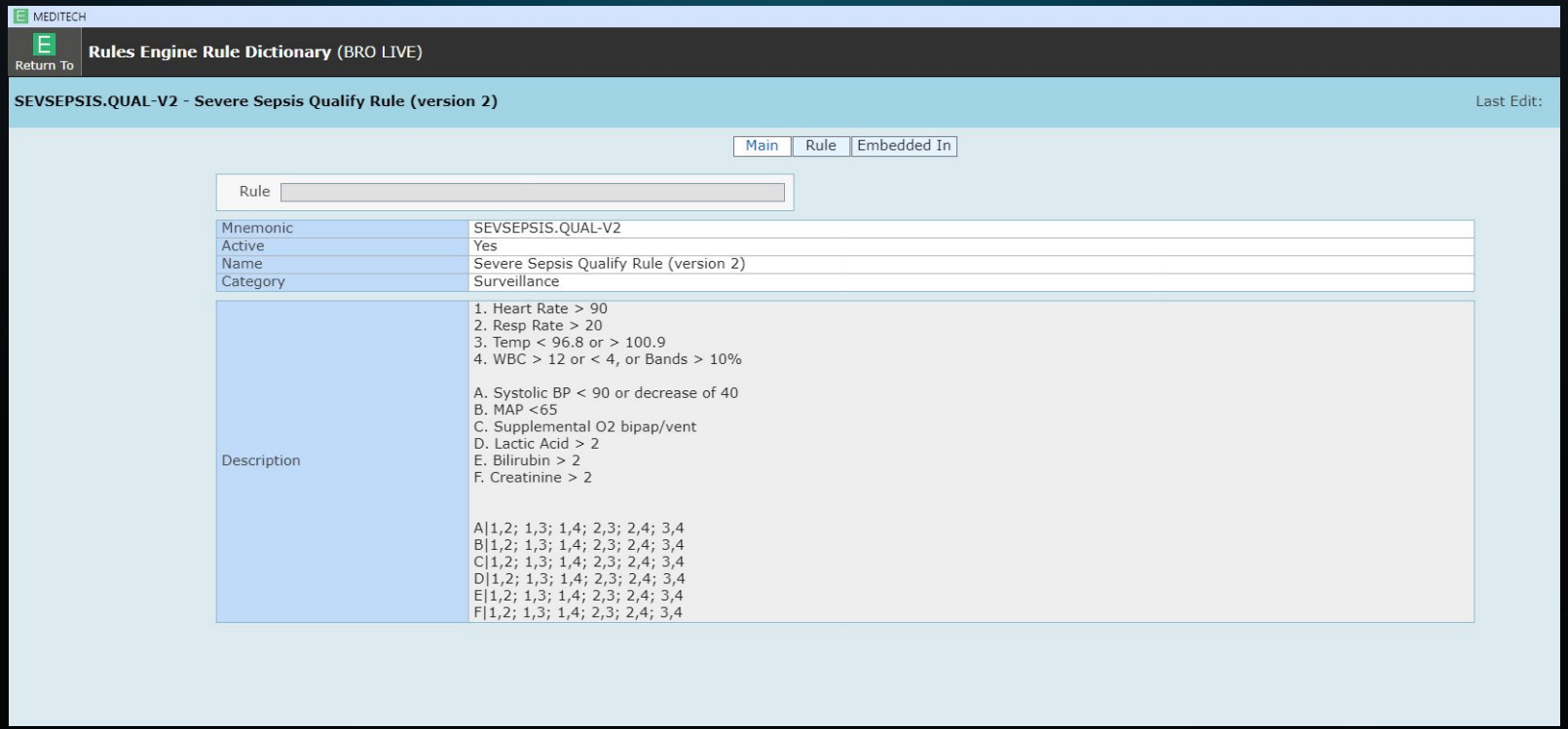
MEDITECH Surveillance PSA

Inactivating Profiles that are not in use

- Test Profiles
- Profiles with No Traction
- Standard Content Not in Use

MEDITECH Surveillance PSA

Add Descriptions to Profiles



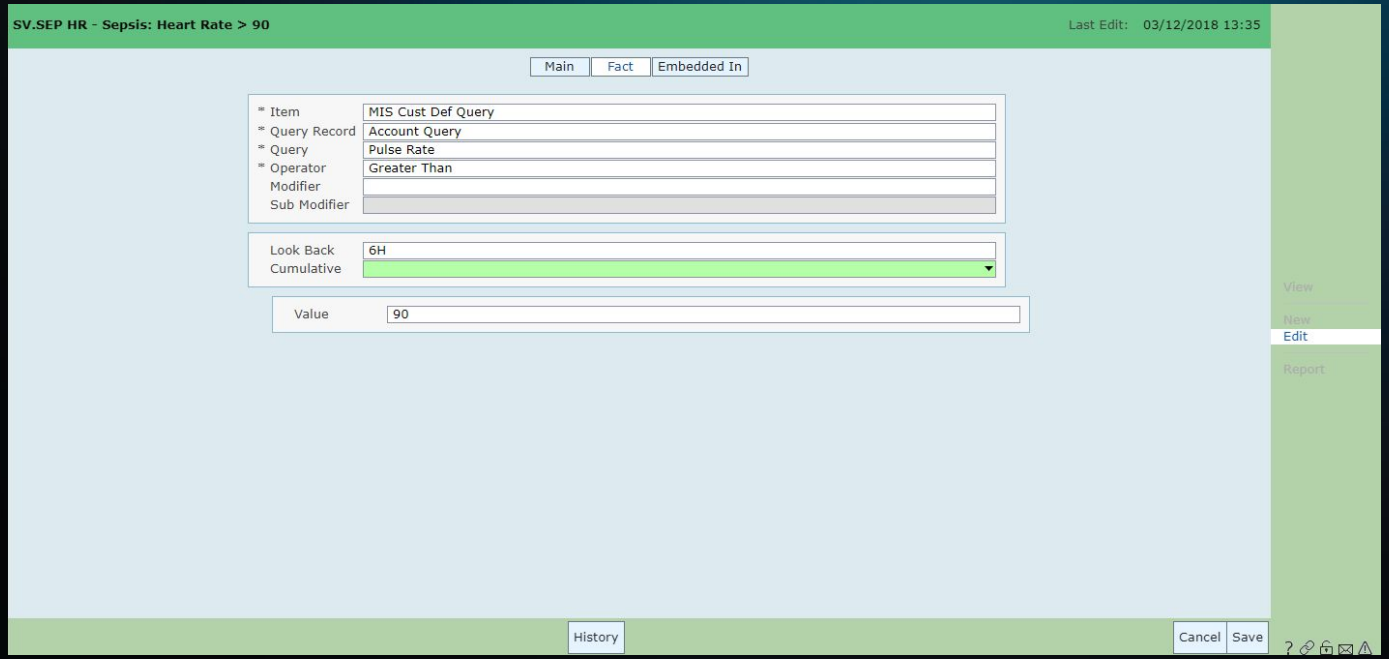
Development

Query Date/Time Field **MEDITECH Surveillance**

IDEA-25548

Add Query file date/time to Surveillance Fact Dictionary

Looking Back with **MEDITECH Surveillance**

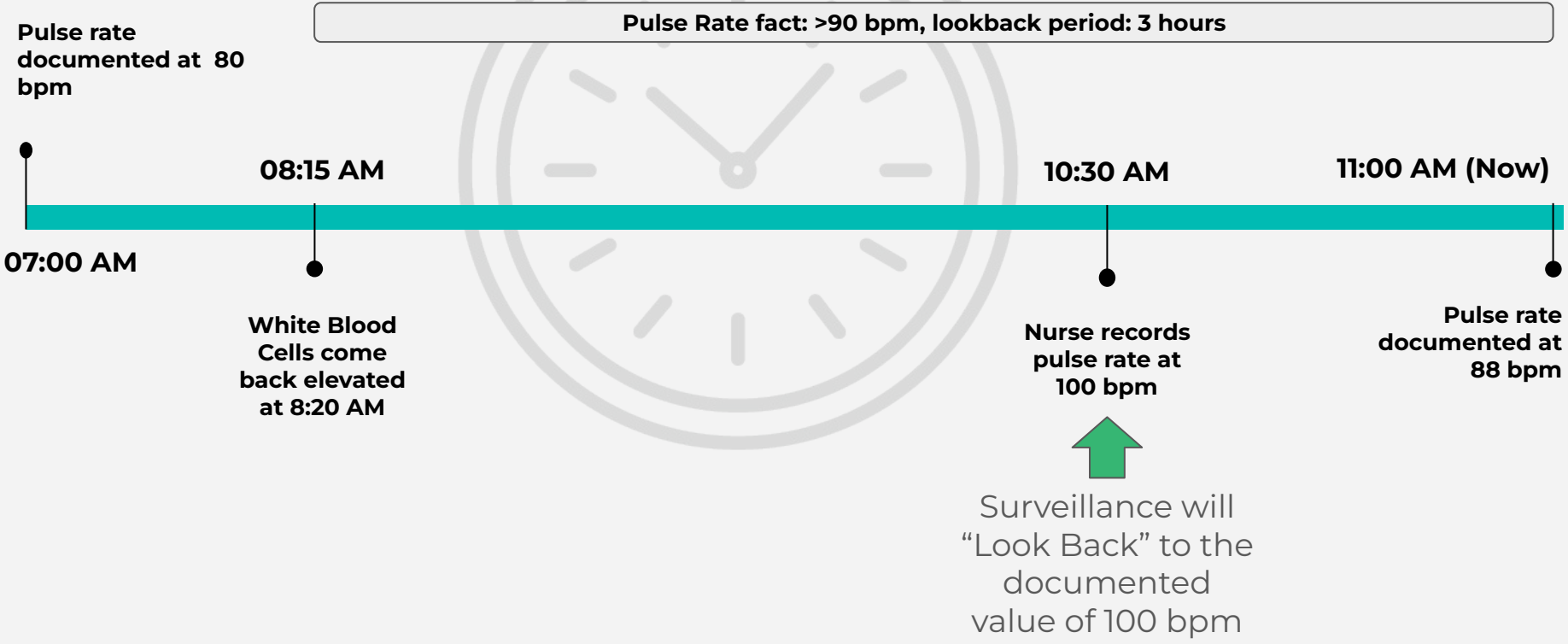


CM-21355

Expanse 2.1.63
Expanse 2.2.51

Introduce enhancements for Surveillance Rules Engine evaluation of elapsed time data

Example | SIRS Criteria



Troubleshooting Tips

Rules Engine Build **MEDITECH Surveillance**

CM-17912

Expanse 2.2.38
Expanse 2.1.50

Rules Engine Build Error messages

Rules Engine Build

Category	Surveillance
From Date	03/30/25 00:00
Thru Date	04/29/25 23:59

Start Date	End Date	Error
04/02/25 14:43	04/02/25 14:43	
04/02/25 15:03	04/02/25 15:03	
04/03/25 10:28	04/03/25 10:28	
04/16/25 11:49		One or more rules are not well-formed.
04/24/25 11:18		One or more rules are not well-formed.
04/24/25 11:18		One or more rules are not well-formed.
04/24/25 11:20		One or more rules are not well-formed.
04/24/25 11:20		One or more rules are not well-formed.
04/24/25 11:21	04/24/25 11:21	
04/24/25 12:11	04/24/25 12:11	
04/24/25 13:37	04/24/25 13:37	

Error Detail

One or more rules are not well-formed.
- ML OM Rule

Rules Engine Build **MEDITECH Surveillance**

CM-24260

Expanse 2.1.67
Expanse 2.2.55

Create a mechanism to automatically rebuild the Rules Engine Graph when Data Def changes are made to the graph building code

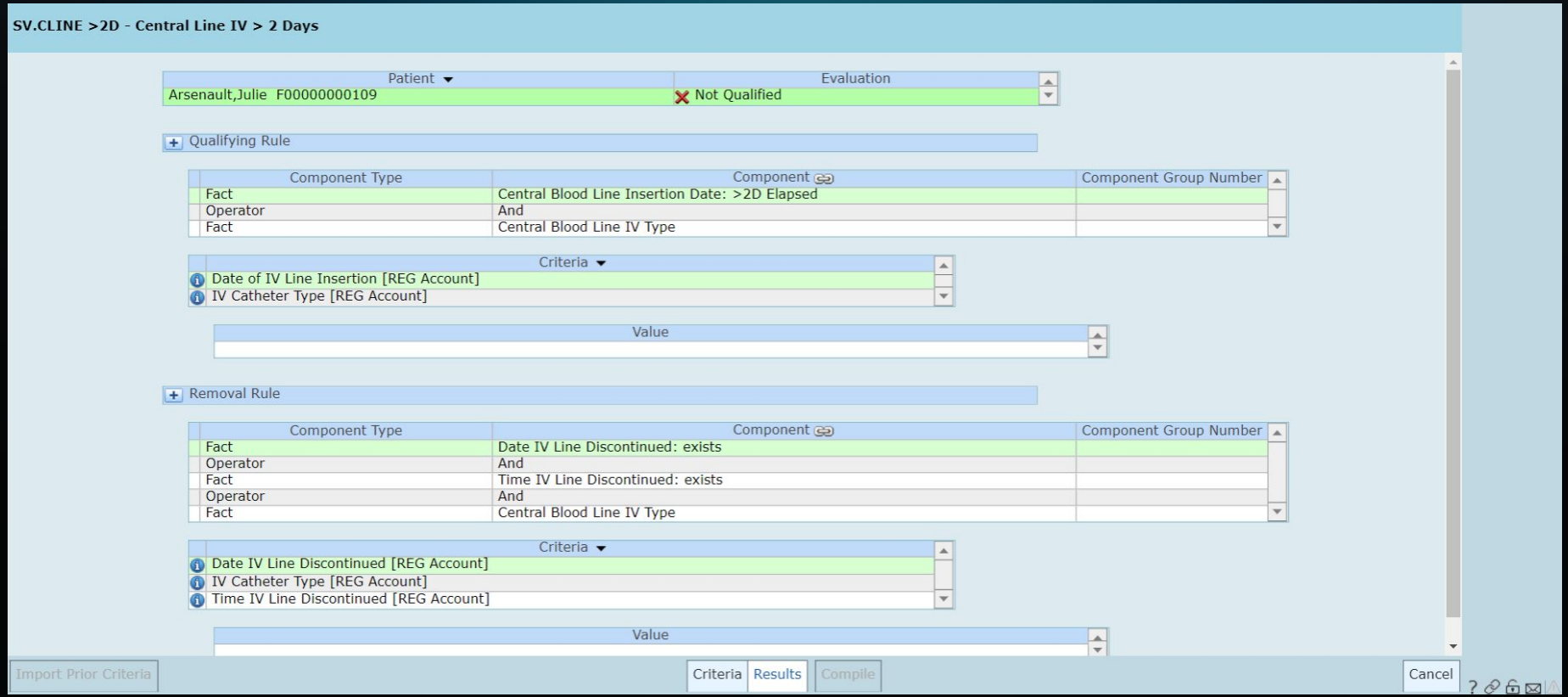
Rules Engine Validation/Profile Validation **MEDITECH Surveillance**

CM-21935

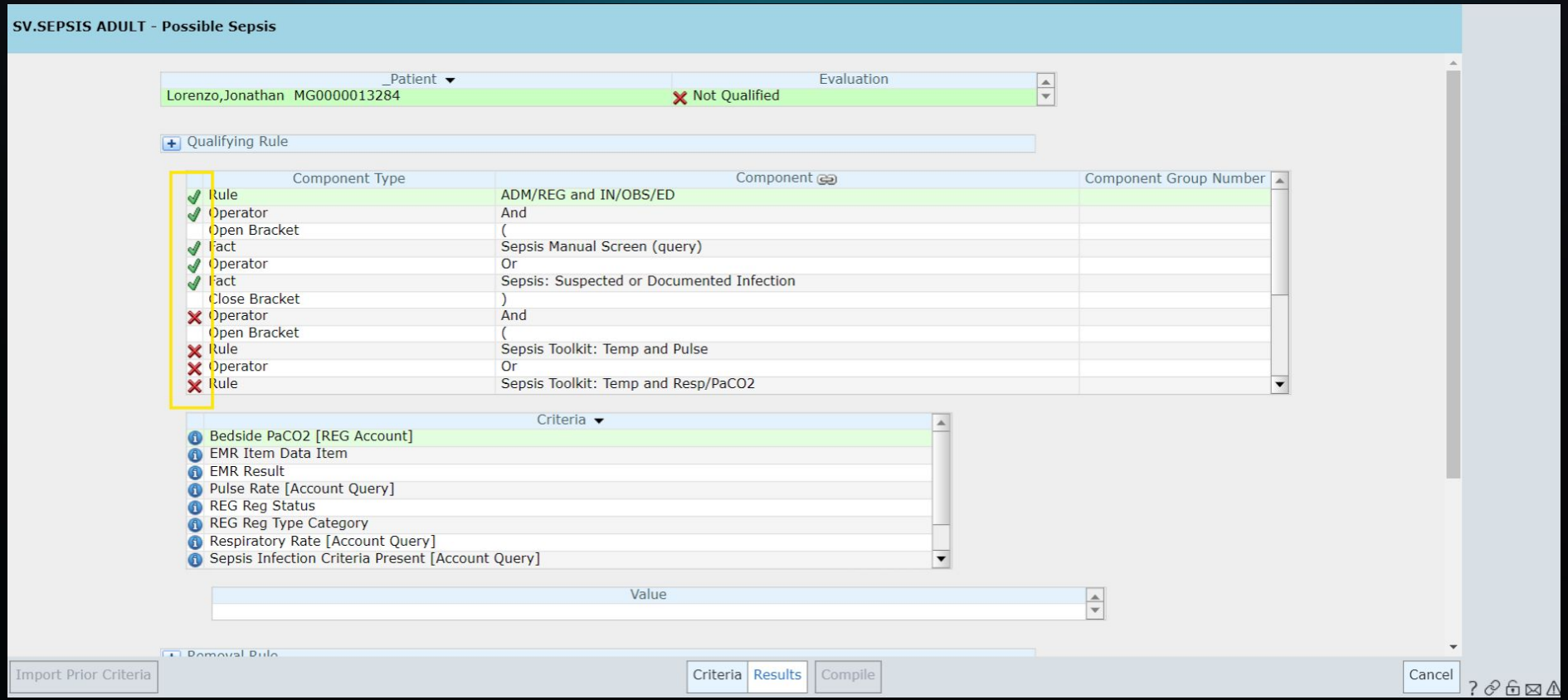
Expanse 2.2.49
Expanse 2.1.61

- Enhance Rule Validation and Surveillance Profile Validation Screens to show Pass/Fail Icons for each Component Type

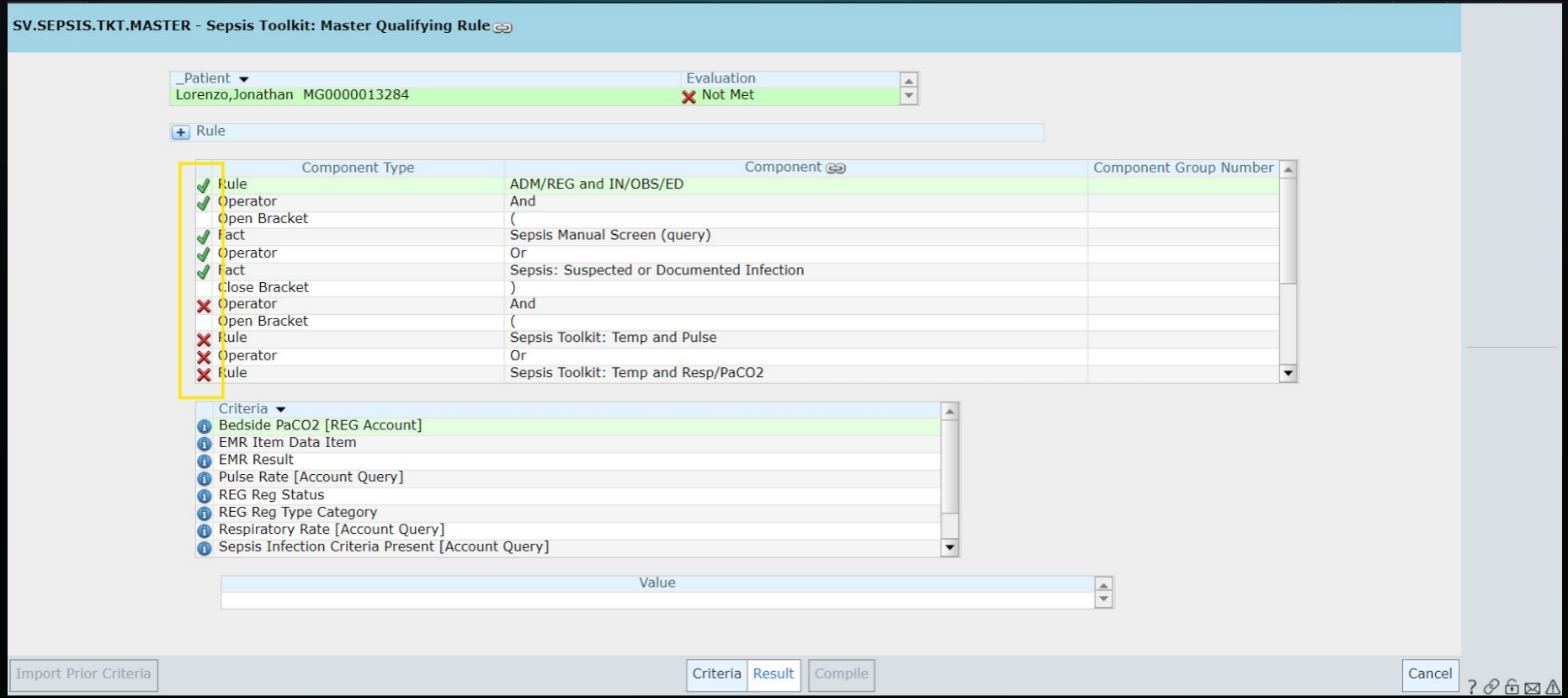
Rules Engine Validation/Profile Validation **MEDITECH Surveillance**



Surveillance Profile Validation



Rules Engine Validation



Topic: Custom Profiles

NMC health®
Your Health. Our Focus.

> Are you using any profiles not created by MEDITECH that you find particularly useful? Do you care to share what they are?

Frank Breugem
RN, Clinical Analyst
NMC Health

Topic: Geometric Length of Stay

Geometric Length of Stay is something our leadership has requested surveillance for even through the GMLOS data comes from our separate vendor, 3M. Do any other sites have similar requests for GMLOS? Have they found a way around this barrier?

SIGNATURE HEALTHCARE
The mark of personal care

Christopher Mitchell
Senior Clinical Systems Analyst
Signature Healthcare

Topic: Standard Content

> If we inactivate all the standard content profiles we don't use, will the system process transactions faster and make patients qualify in more real time since all those rules are no longer part of the engine?

HCA Healthcare®

Kayla Johnson
Clinical Analyst
HCA Healthcare

Topic: Look Back

Would anyone like to share some effective use cases they've deployed with the new Lookback or Cumulative features?

Kayla Johnson
Clinical Analyst
HCA Healthcare

Thank You!

Resources

Customer Showcase Recordings and Resources:
https://customer.meditech.com/en/d/prwqm/pages/qmebfesurvshowcase.htm

Surveillance Collaborative Page:
https://home.meditech.com/en/d/customercollaboration/pages/surveillancecollaborative.htm

Surveillance Troubleshooting:
https://customer.meditech.com/en/d/prwqm/otherfiles/qrmeiassurveillancetroubleshootingguidelines.pdf