



Create space

Help make room for all attendees. Move to the front of the room and the center of the row.



Share your feedback

Complete the in-app session survey following each session.



Join us at the Bash!

Network with peers while enjoying great music and good food.

The Value of code Validation

Recognizing the importance of SMART on FHIR validated apps

Mathieu Baissac

Director + Product Manager, Kyruus

Joe Lesters

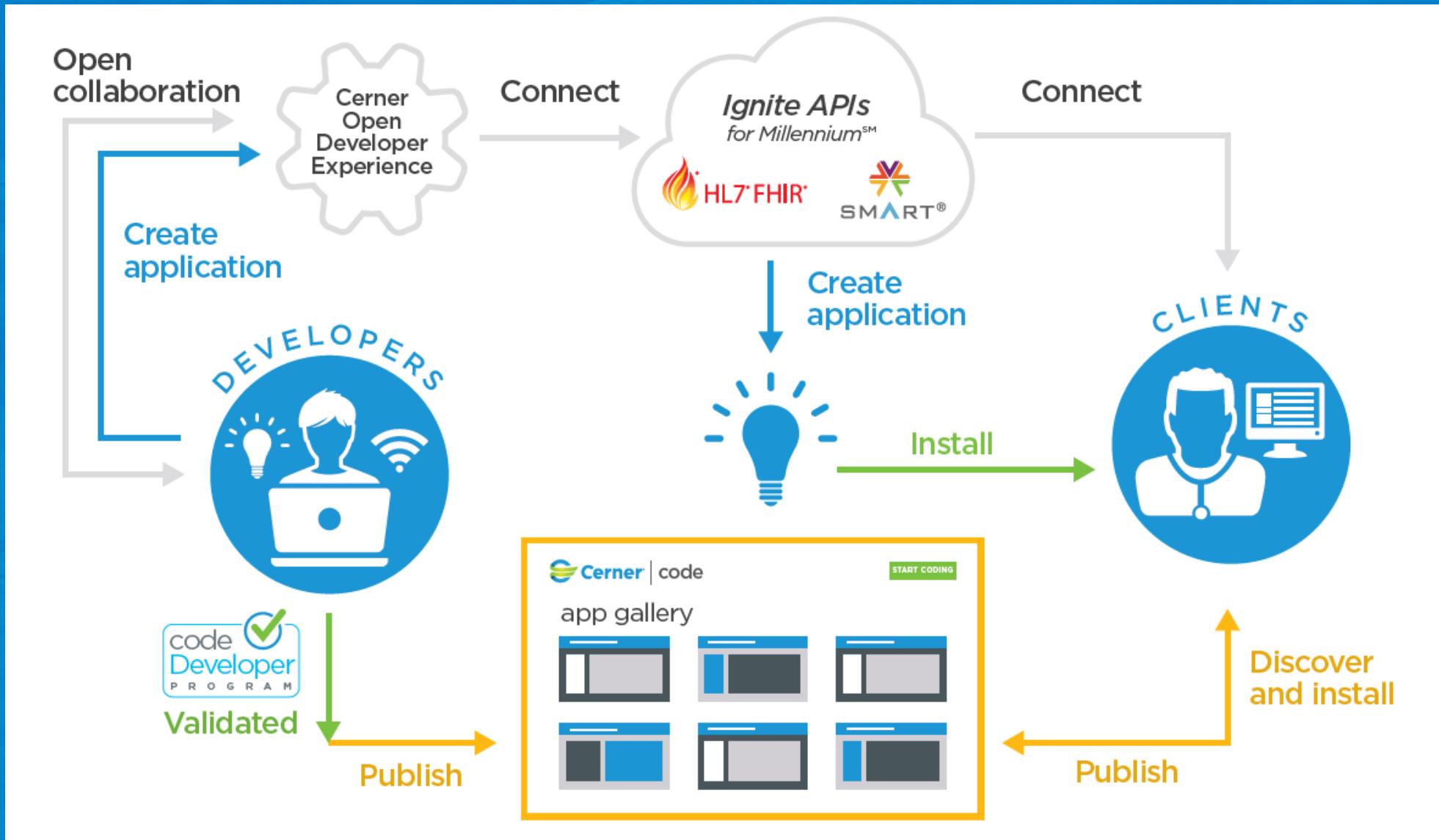
Executive VP of Technology, ePreop

Orelvis Vazquez

Director of Information Technology, Handtevy - Pediatric Emergency Standards, Inc.

NOW/**NEXT**

Developer ecosystem



NOW/NEXT

Cerner Open Developer Experience (code)

Fostering innovation to advance health care

Access to tools and resources to build

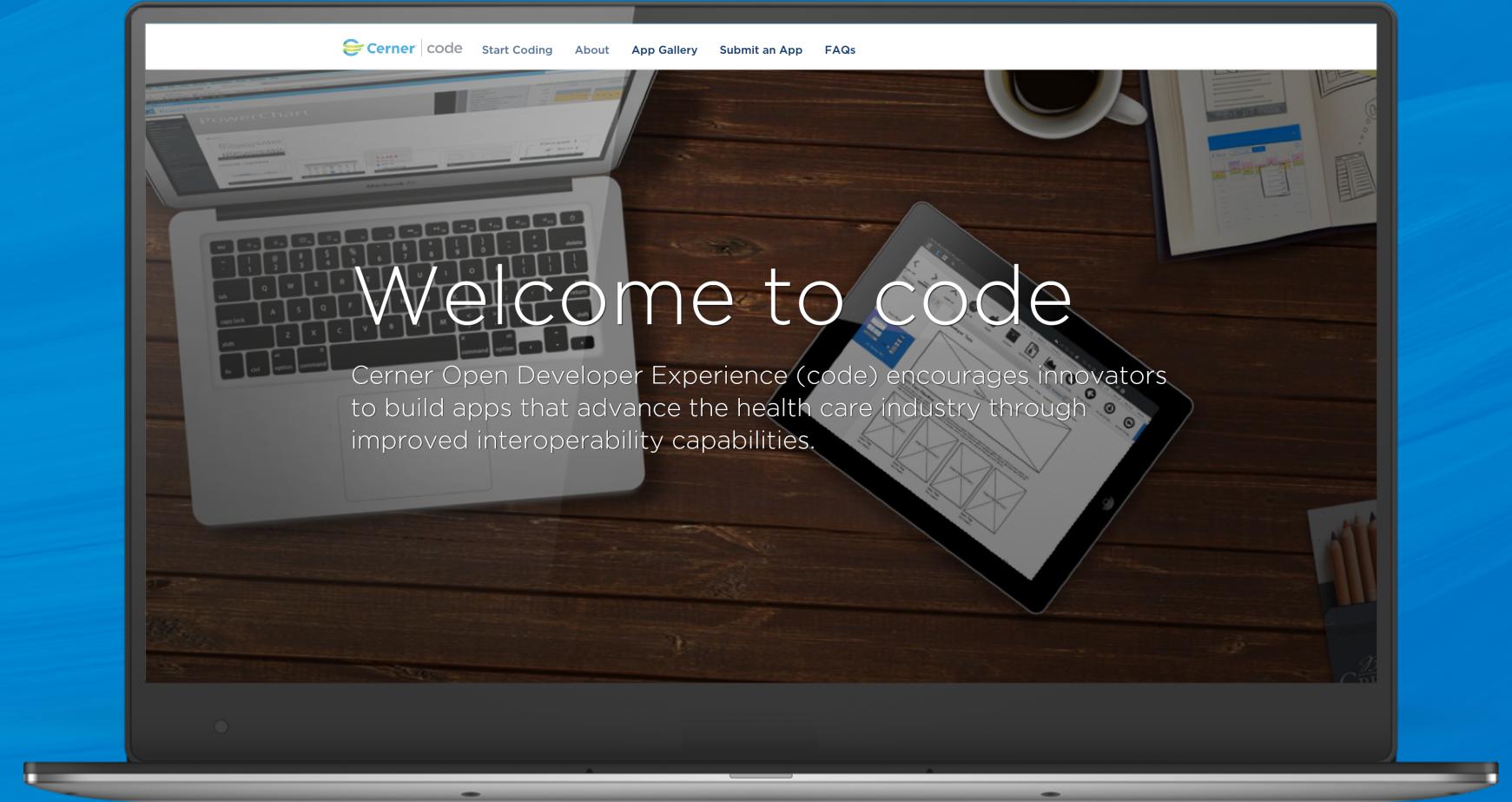
Enabling developers to explore documentation, and build and test against our code sandbox.

Access to subject matter expertise

Providing developers with the knowledge of Cerner to help ensure rapid adoption without a need for deep background in the native Cerner platforms

Rigorous approach

A repeatable and scalable process to take use cases from legacy state to production ready



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Growing the innovation pipeline

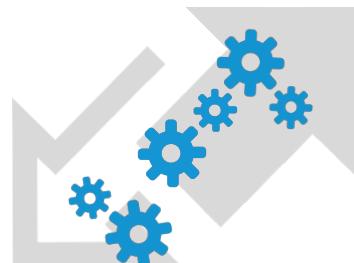
95+

Apps in production



35+ validated apps
15+ in process
50+ in pipeline
10k+ in sandbox

Over **25.3M**
API Transactions
in the past 30 days



72,000+
unique app users

App Gallery

Current Apps in Flight: New app varieties soon to be added

[View latest issue](#)

Search Please Select a Topic

 **ACT.md**
Act together. Make health happen.
ACT.md for Cerner is an out-of-the-box integration that partners the comprehensive ACTmed Care Continuum on Record with the Cerner platform. The result is a simple and powerful way to deliver exceptional care in collaboration with care partners across your community.

 **AD2E**
ADVANCE DIRECTIVE INFORMATION EXCHANGE
This Direct-to-Patient Scheduling (DTS) app allows the scheduling staff to schedule healthcare appointments directly in Cerner Millennium and updates the provider's ambulatory organizer when the patient has arrived in the virtual waiting room. Healthcare providers can then join the virtual visit promptly.

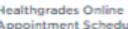
 **American Well**
This Direct-to-Patient Scheduling (DTS) app allows the scheduling staff to schedule healthcare appointments directly in Cerner Millennium and updates the provider's ambulatory organizer when the patient has arrived in the virtual waiting room. Healthcare providers can then join the virtual visit promptly.

 **ePreop**

 **healthgrades.**

 **Cerner**

 **AnesthesiaValet**
AnesthesiaValet™ helps you capture resource usage by measures, avoid CMS penalties under MIPS (part of MACRA), prepare for Value-based Payment Models, report numerically to the ASA/NACIQM QI and QCDR, and supports bring processes.

 **Healthgrades Online Appointment Scheduling**
Healthgrades Online Appointment Scheduling empowers patients and providers to make stronger, more meaningful connections.

 **ASCVD Risk Calculator**
ASCVD Risk Calculator allows users to estimate a 10-year and/or lifetime risk score for atherosclerotic cardiovascular disease (ASCVD) by preventing relevant patient risks and odds that factor into the estimated score.

 **Aunt BERTHA**

 **carevive**

 **CRISP InContext**
The CRISP InContext app provides information from the CRISP Health Information Exchange within the context of a clinician's workflow. CRISP serves Maryland, the District of Columbia, and West Virginia.

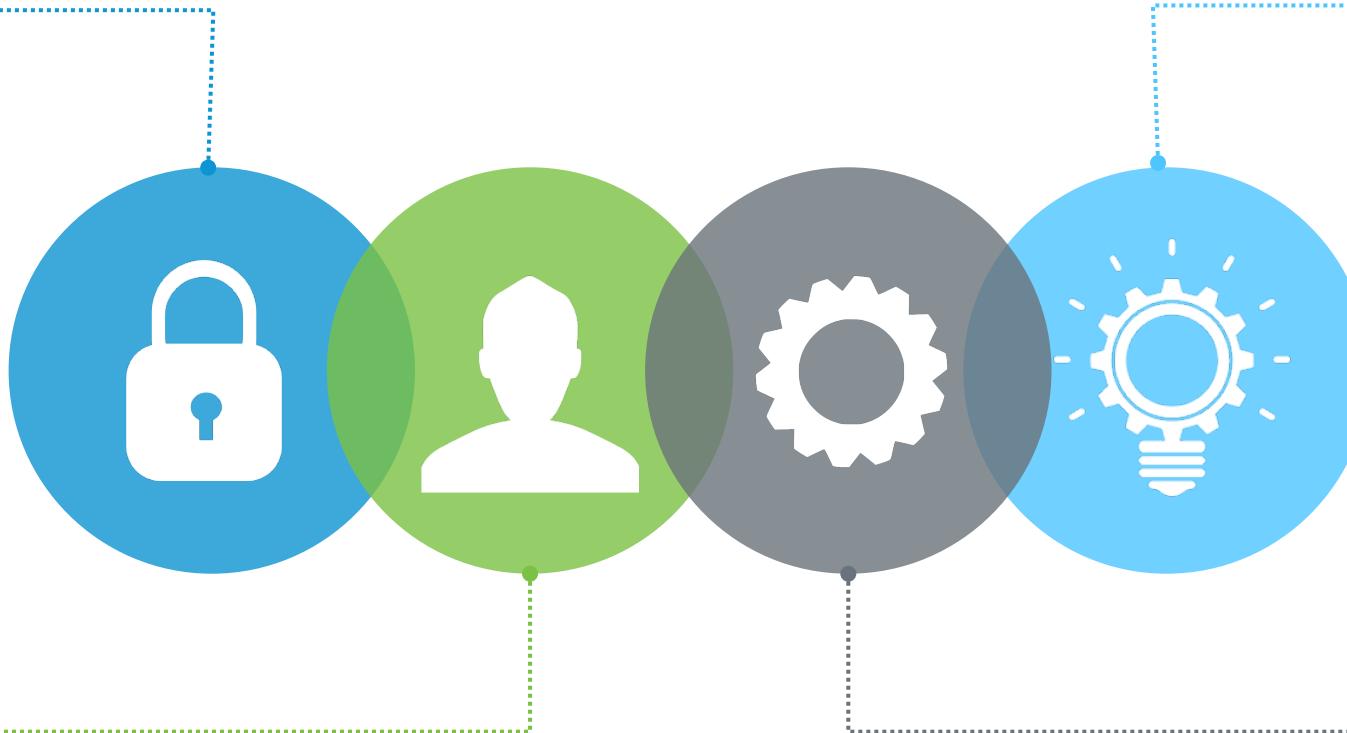
*The product names and/or brands referred to are the property of their respective trademark holders.

App Validation Pillars

Balancing security, quality + workflow design with speed of innovation

Security

The Security Review provides an assessment of any potential security flaws in your app.



Operational

The Operational Review ensures apps are operationally mature prior to implementation. This approach ensures that applications can be mutually supported upon deployment to production.

Functional

The Functional Review focuses on the app interaction with the API to ensure optimal exchange of data sets as well as seamless integration into EMR workflow.

UX

The UX Review ensures that the experience of the app meets Cerner's standards of being valuable, effective, trustworthy, safe, and clear.

Robust validation to identify and resolve issues

Application logic not properly displaying query output

Orders failing to filter based on status

Inconsistent display of non-numeric results

Delayed or incorrect plotting of results

Poor application performance due to inadequate API call patter

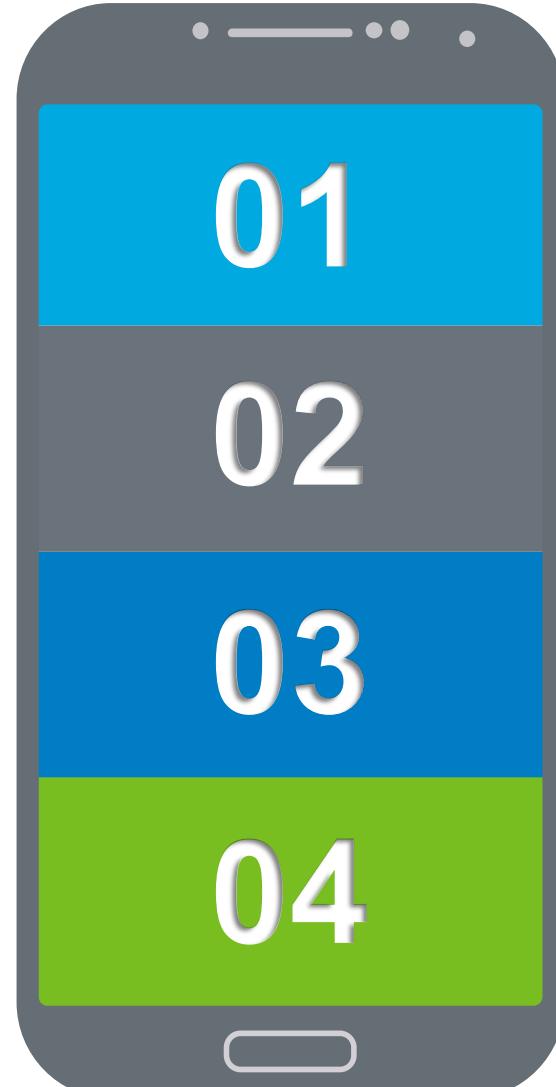
Unexpected timeouts, slow or failed app launches

Session bleeds when multiple charts are open that can share patient context and data on two separate charts



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code partner program – themes for successful validation



Developers prioritize the validation process for the length of engagement



Developers follow the Common Issues guide



Developers do not attempt to retrofit legacy apps to FHIR specs



Apps have full documentation and are near completion (~80%) on submission



Validation Panel



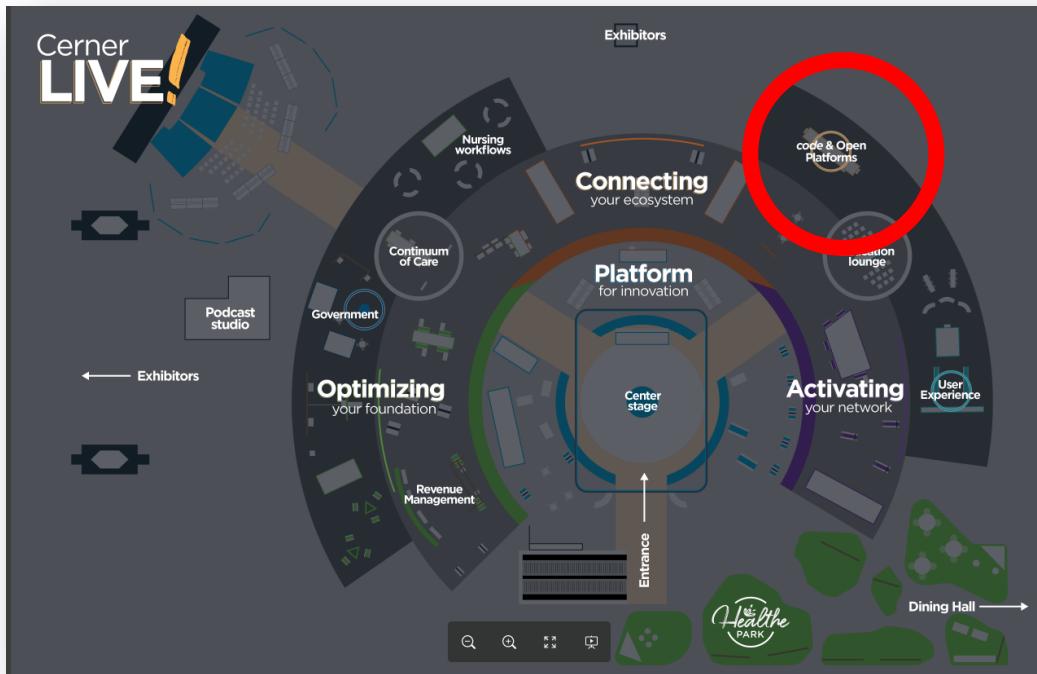
Booth 321



Booth 303



Booth 505



Will be giving live demos
on the Solutions Gallery
floor from 12:30pm - 2 p.m.

Thank You!

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Joe Lesters

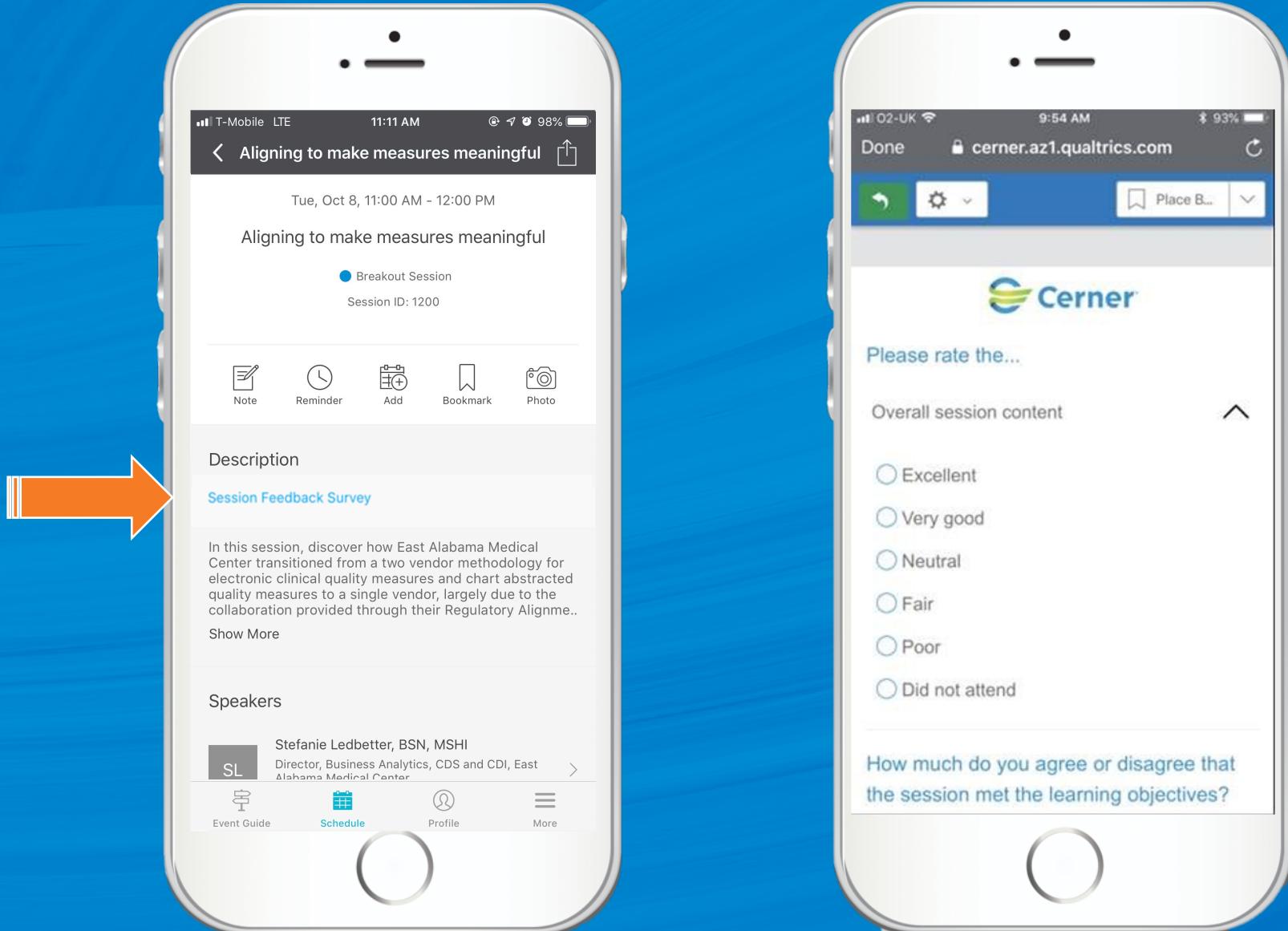
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Share your session feedback



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