

Corti

AI For Emergency Medical Services

VoiceProducts

EST. 1990

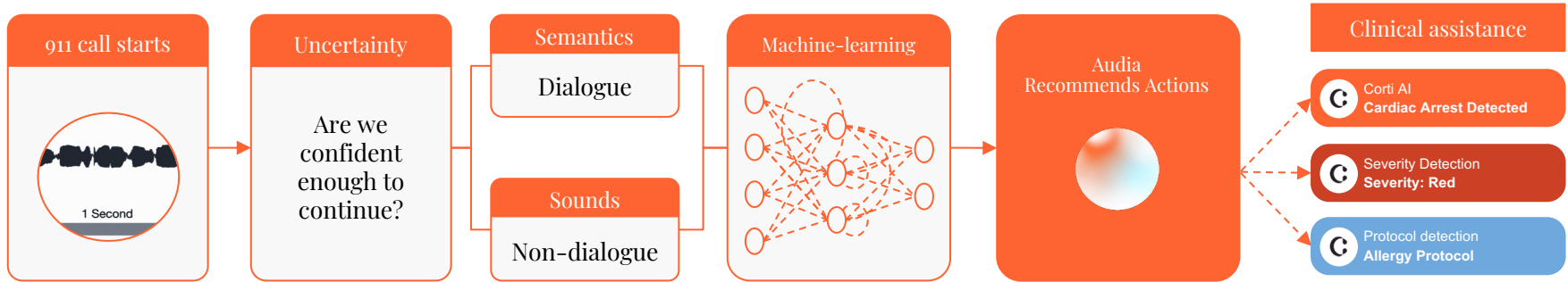
Agenda

1. Introduction to Corti.
2. How we help organizations with similar challenges to yours.
3. Solution demonstration.
4. Next steps.



AI as a part of every EMS call

Corti is built on a fully data-driven approach by utilizing the most recent innovations in artificial intelligence.



Corti is designed to solve unique EMS challenges.

1.
Call times
too long
before
diagnosis

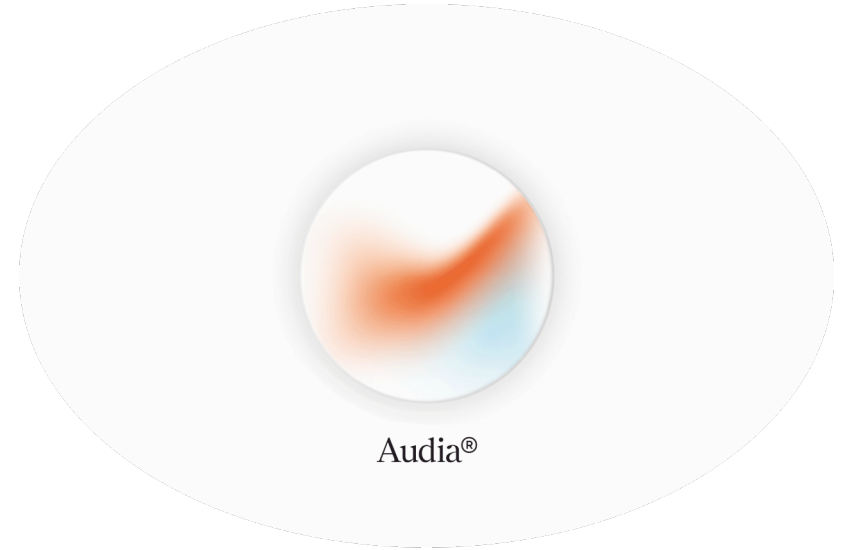
2.
Critical
incidents
missed

3.
Delay in
Initiating CPR
Procedures

4.
Lengthy QA
reviews/
Unable to QA
significant % of
calls

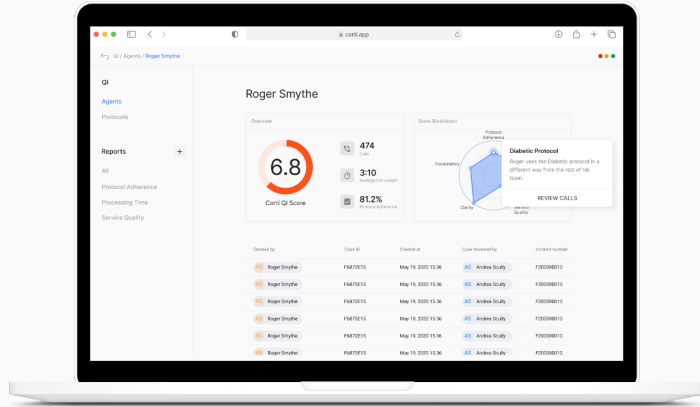
Audia – The World’s smartest digital medical assistant

1. Listens to live EMS calls and gives guidance to call-takers.
2. Analyzes all details during and after the call.
3. Continuously learns from every medical call.
4. Provides crucial support, clarity and feedback for Q/A and call-takers.



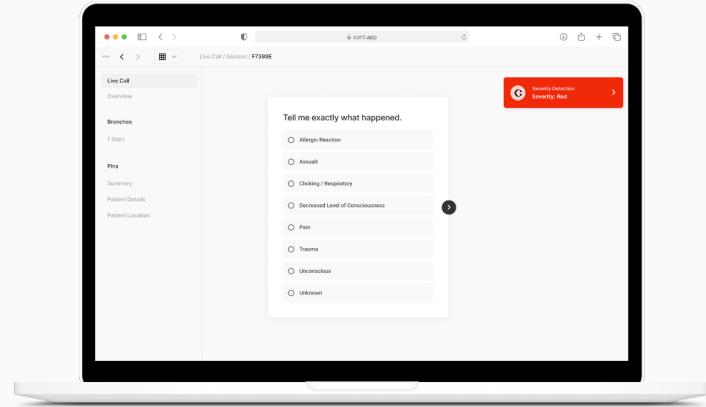
We Offer Two Complementary Software Products

Corti Explore[®]



Call-taking analytics software

Corti Triage[®]

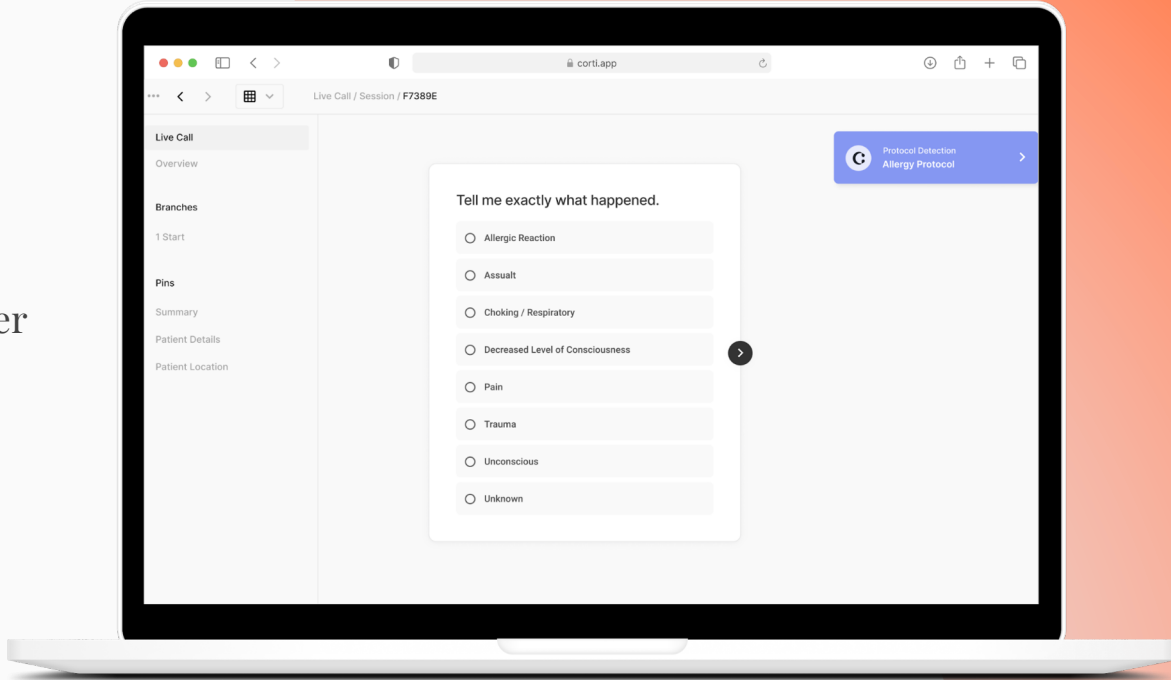


Call-taking guidance software

Corti Triage[®]

Integrated AI

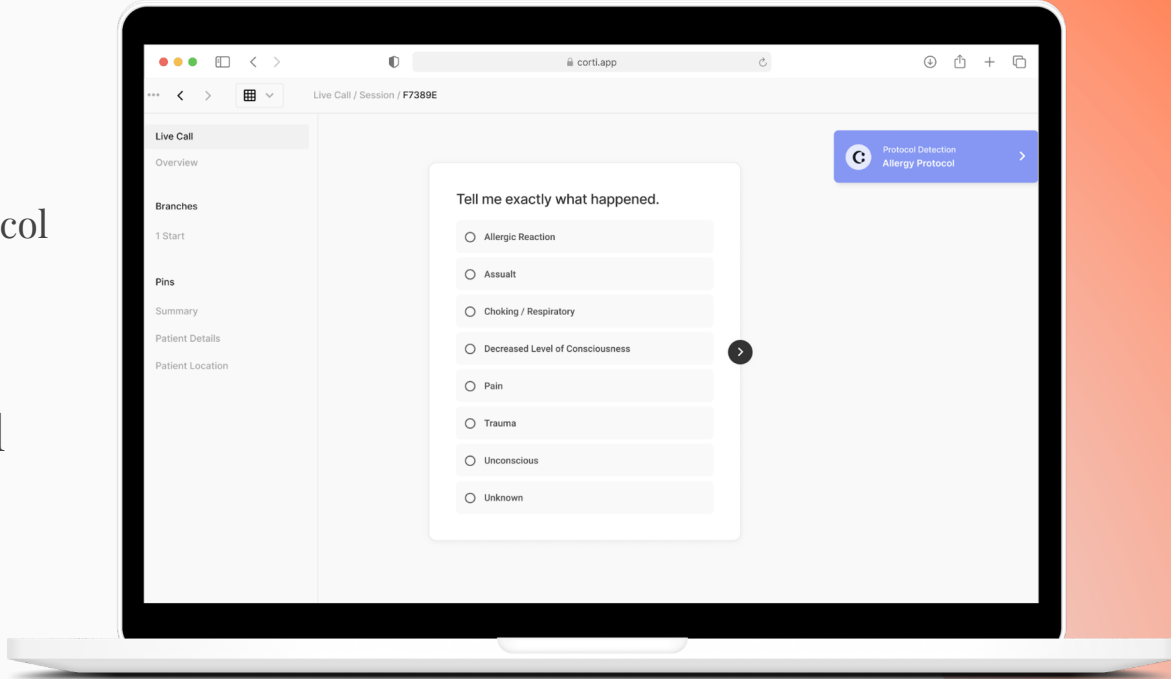
- Detect critical illnesses live on the call
- Improve patient outcomes with safer decisions
- ★ 40% increase in correct diagnosis rate
- ★ Reach 60 second target for Cardiac Arrest calls



Corti Triage[®]

Protocol Suggestion

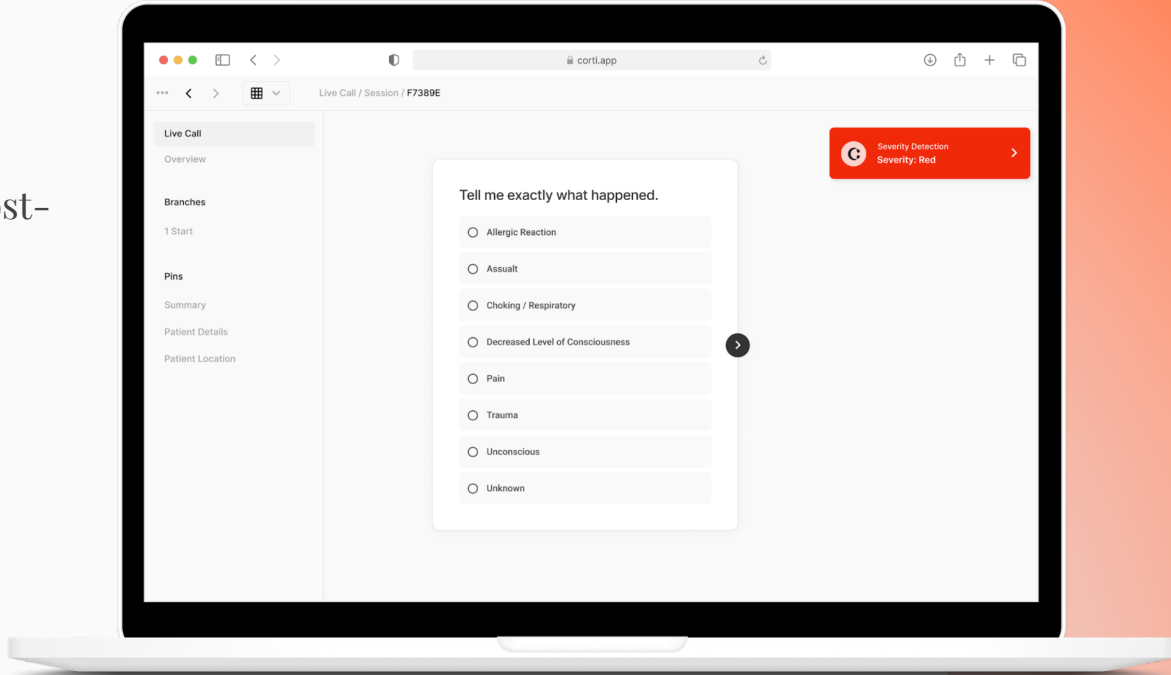
- Guide call-takers to the right protocol
- Increase accuracy of dispatch decisions
- ★ 25% more accurate protocol selection
- ★ 10% average time-savings



Corti Triage[®]

Automated PDIs & PAIs

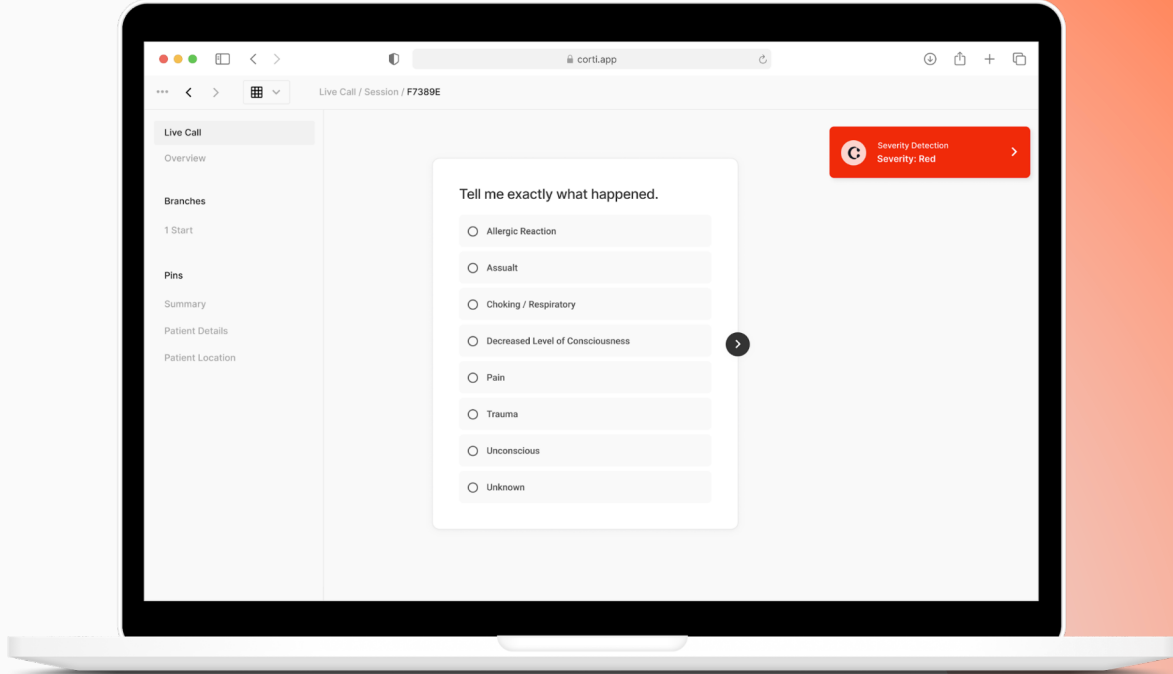
- Guide call-takers through Pre & Post-Dispatch Instructions (PDIs)
- Automate Pre-Arrival Instructions (PAIs)
- ★ 25% faster ambulance dispatch decisions
- ★ 80% time savings on documentation



Corti Triage[®]

CAD Integration

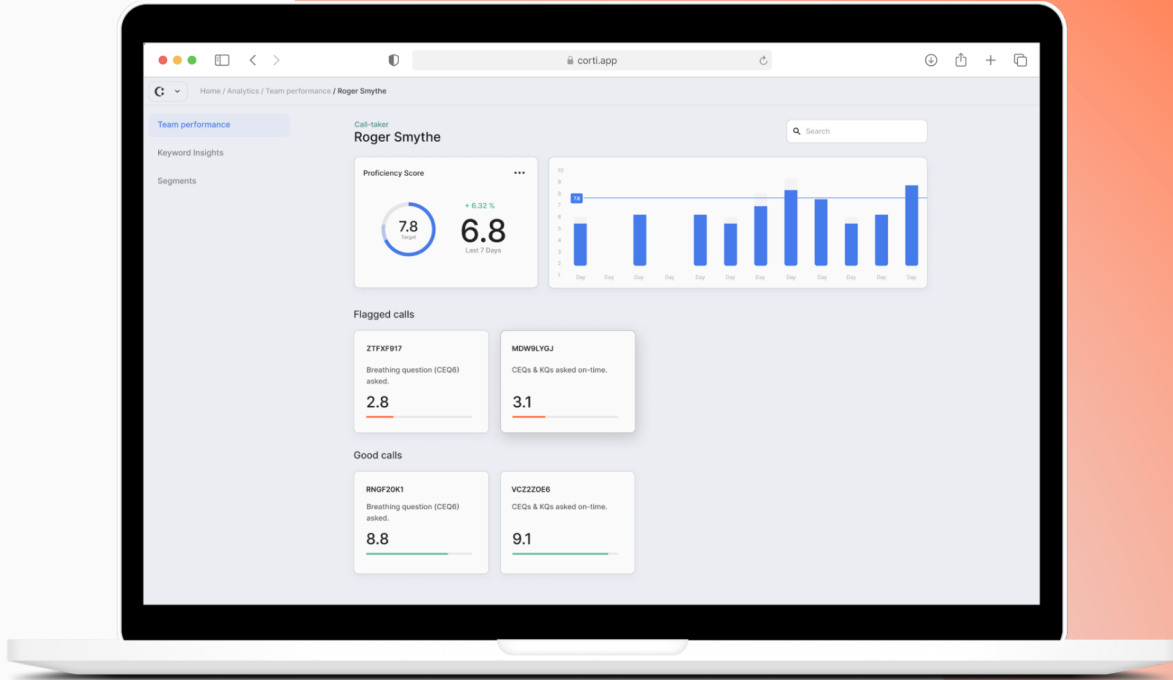
- Integrates with existing CAD technologies
- ★ Multiple CAD providers supported



Corti Explore®

Accelerated Case Review

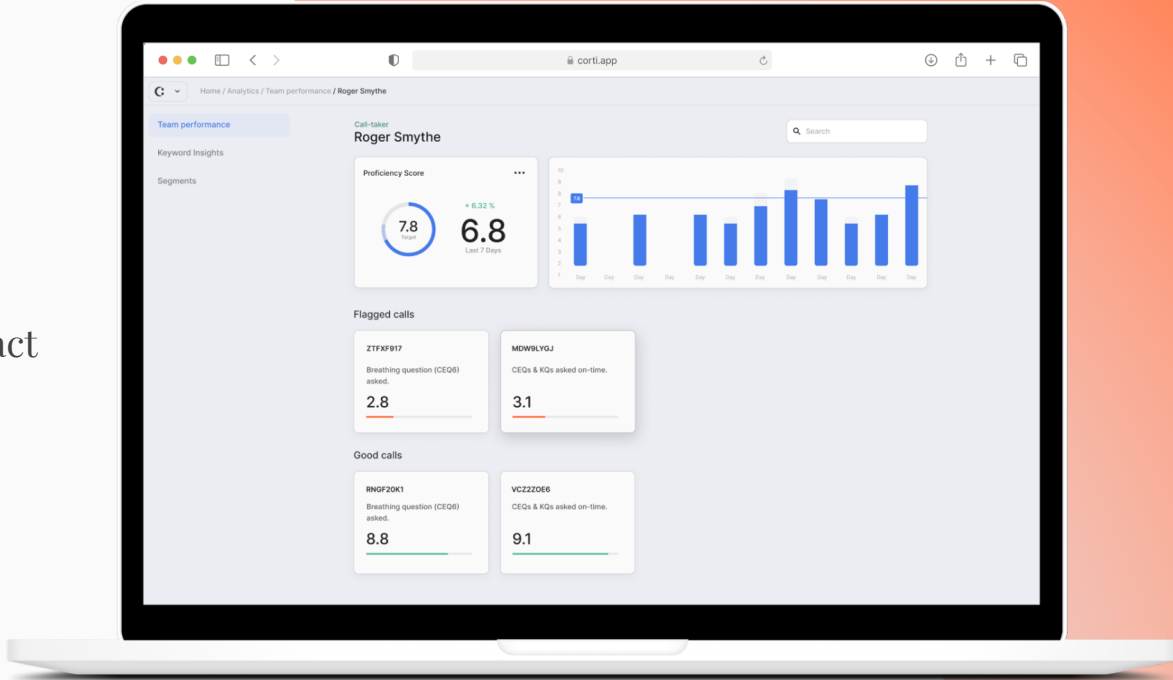
- Find the highest priority calls instantly
- Focus on the parts of the call that matter
- ★ 90% time saving conducting QA
- ★ Improve and shorten time to diagnosis



Corti Explore[®]

Quality Improvement

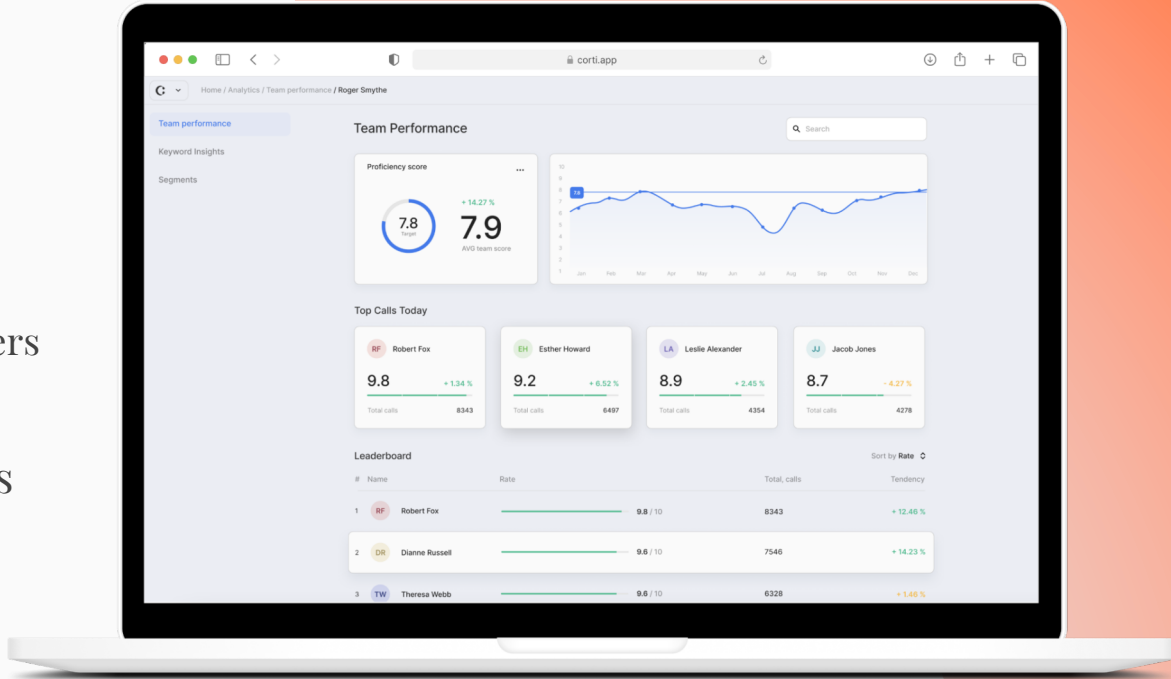
- Gain instant insight into team performance
- Target interventions for high impact
- ★ 100% of calls reviewed and scored automatically
- ★ 85% time-savings on identifying calls for review



Corti Explore[®]

Industry Benchmarking

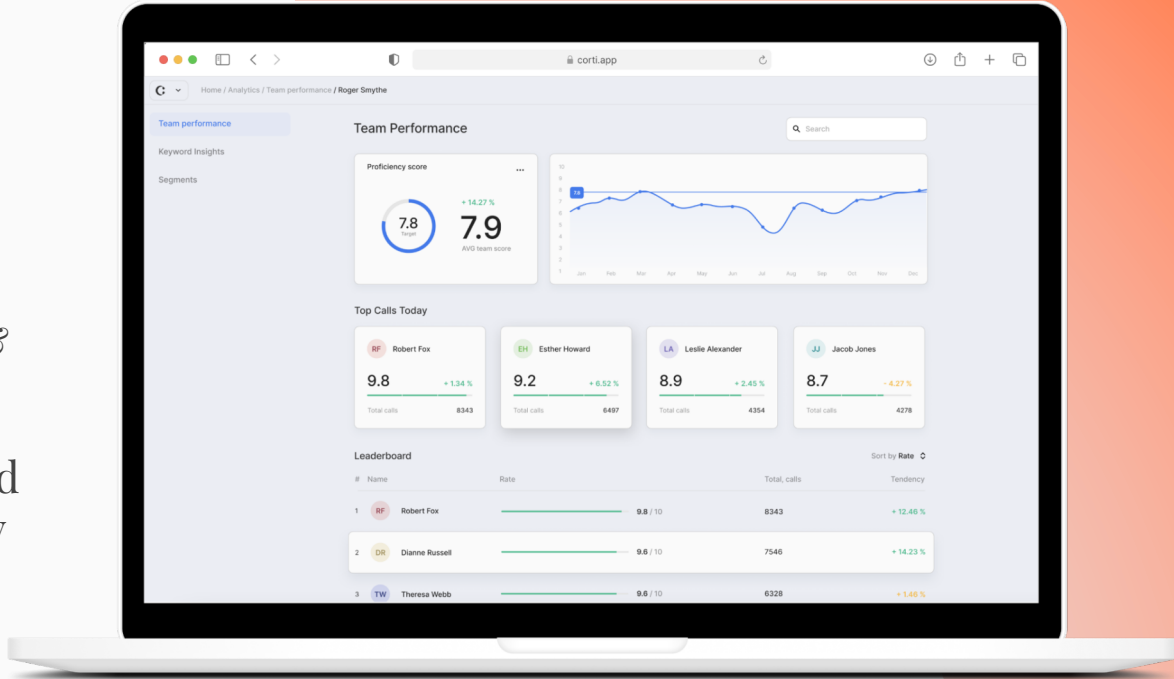
- Track team performance against industry averages
- Match performance of global leaders in Public Safety
- ★ 65% call-handling time savings identified without compromising quality



Corti Explore[®]

Instant call-taker feedback

- Automate constructive call-taker feedback
- Improve call-taker performance & positivity
- ★ 65% call time savings identified without compromising quality



Seattle Fire Department

90%

Time saved on
QA call reviews

15%

Increase in critical
cases handled
under 60s

65%

Call processing
time savings
identified



Dr. Catherine R. Counts, PHD, MHA
Seattle FD, QA program coordinator



Highlights of Audia's capabilities.

Audia recommendations are providing Corti's clients with lots of added value.

26%

Faster when triaging a patient during an emergency call.

27%

More accurate in assessing the patient's criticality.

92%

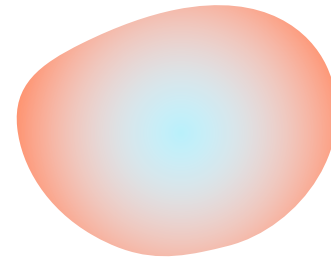
Medics **stick to the protocol** in 92% of the consultations.

15%

Time savings by optimizing the protocol.

43%

Fewer errors when detecting critical diseases.



Clinical validation of Audia is driven by world-renowned researchers and their research groups.



Dr. Michael Sayre
Professor of Emergency Medicine
Harborview Medical Center
Medical Director, Seattle Fire Dep.
Section Head, EMS
Director, EMS Fellowship



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Specialist in Cardiology and Internal Medicine, Södersjukhus



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UNIVERSITY OF
COPENHAGEN



UW Medicine
HARBORVIEW
MEDICAL CENTER



EXCEPTIONAL CARE. WITHOUT EXCEPTION.



**Karolinska
Institutet**



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