

# SIGNAL 1

## Why Hospitals Trust Signal 1's Award-Winning AI System

Signal 1 offers hospitals a patient monitoring and navigation system that drives care and transition decisions throughout the patient journey.

## Founded by experienced technologists and healthcare leaders

A true AI pioneer, Signal 1's CEO and co-founder Tomi Poutanen has spent his career building machine-learning systems for large enterprises. In Silicon Valley, Tomi pioneered the use of machine learning in web search, building the ranking engine that powers Yahoo! Search and Microsoft Bing. In Canada, Tomi served as the Chief AI Officer for TD Bank Group after they acquired his previous AI start-up Layer 6.

## Built on an award-winning AI technology stack that meets industry leading privacy and security standards

Signal 1's predictive capabilities are generated by an award-winning AI technology stack.

We use the same AI engine that powers machine learning at TD Bank, one of North America's largest financial institutions. The engine delivers superior model performance and unique explainability capabilities which are critical for the application of AI in regulated industries like banking and healthcare.

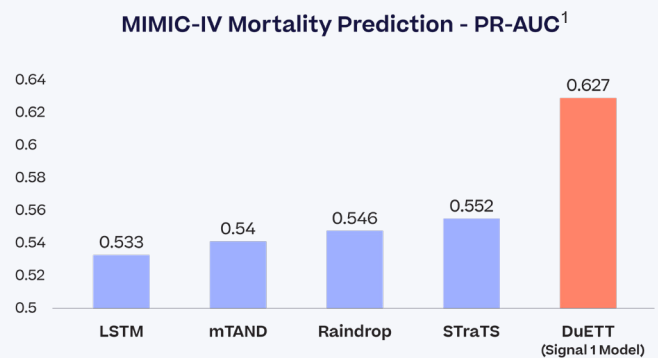
Our AI products are fully hosted and delivered through our cloud-based platform that is SOC 2 Type 2 and HIPAA certified.



## Pushing the boundaries of health AI research

Signal 1's founding team includes six people with PhDs from leading academic institutions including the University of Toronto, University of Michigan and MIT. Co-founders Tomi Poutanen and Maks Volkovs have over 1000 citations in leading machine learning journals.

Our research team recently published the highest-performing mortality prediction model using the well-known MIMIC dataset, setting the new standard for the health AI research community.



<sup>1</sup>Labach, A. et al, "DuETT: Dual Event Time Transformer for Electronic Health Records", <https://doi.org/10.48550/arXiv.2304.13017>

## Our Partners



Ready to put AI to work for your hospital?

**Contact us today.**

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**SIGNAL 1**

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