



Training 5G/6G Core Network AI with Synthetic (Analytical) Data

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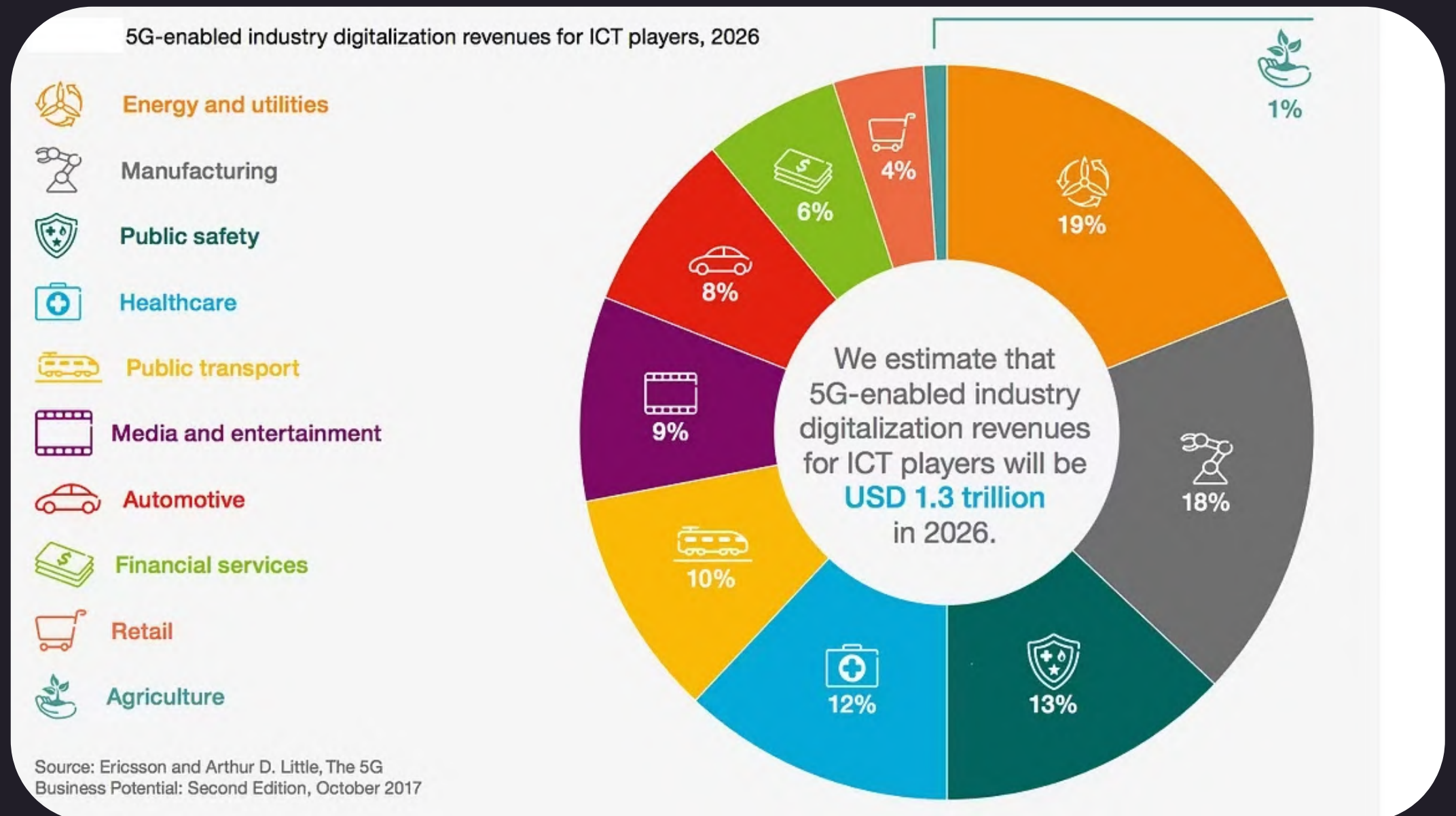
Industry demands for Internet-enabled tech is exploding

100B

Connected devices expected by
2025*

\$1Trn

market opportunity for network
operators




Source: *AdamsConsulting BUSINESS,**Ericsson


A deeply technical team with highly engaged advisory board that has built and led global telecoms companies

Founders

Frank Mung'au, Ph.D.
(CEO - Technology)

- WAN-AI Inventor/Founder
- ex-Network Operations Engineer
- Lord Wilberforce Scholar





Anthony Man, CFA
(COO - Operations)

- Senior Investment Analyst
- 10+ years covering the Technology, Media & Telecom sector





Advisory Board

Amr Awadallah, Ph.D.
(Advisor - Executive)




- Ex-VP Google Cloud
- Veteran Entrepreneur with 3 Exits
- Co-founder Cloudera






Marcus Weldon, Ph.D.
(Advisor - Executive)




- ex-CTO at Nokia
- ex-President of Bell Labs,
- 25+ years in the Telecom/Networks







Elliott Starin
(Advisor - Executive)

- CTO/Founder at Mantisnet
- Founder at Mimetrix
- Senior engineer at AT&T





5G is a step change in what is possible with Internet services*

5G serves as the catalyst for widespread IOT adoption

- 5G networks are defined by software not hardware & managed in the cloud.
- 5G is built on open source, which allows for innovation.
- The new paradigm targets industries that are increasingly deploying 5G locally, using it to help automate their manufacturing, retail, and business practices** - a trend that has been dubbed Industry 4.0***.



Source: *[AdamsConsulting 5G](#), **[Mckinsey](#), ***[Forbes 4IR](#)

BUT... 5G networks can't yet offer Industry-grade use cases

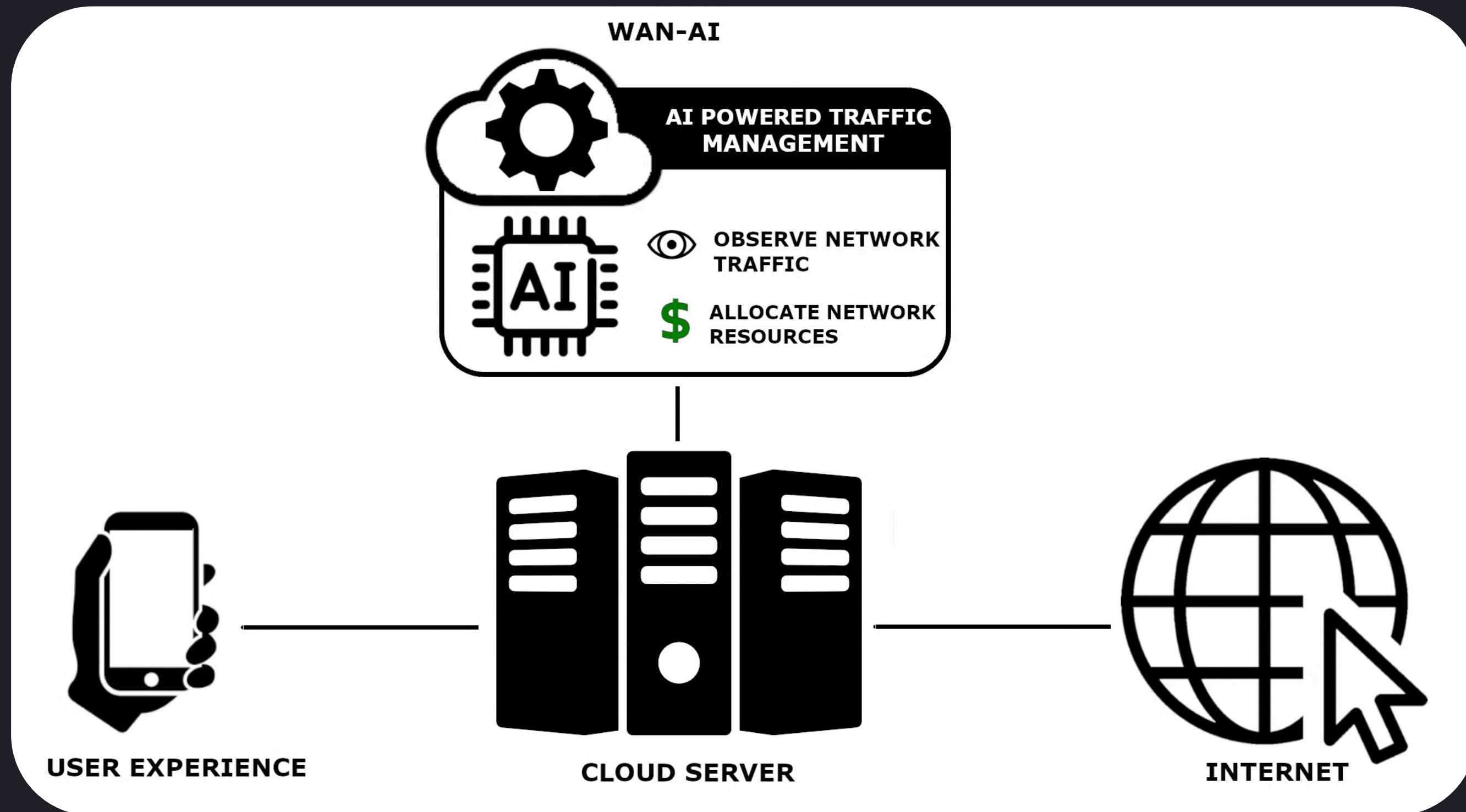
Stringent performance characteristics are critical

- For consumers it's annoying when Netflix buffers... but in industrial applications, poor connection can be mission critical*.
- Right now, network operators can't optimise for each connection & can't ensure specific users and applications have first-class service**.
- Current solutions to performance degradation require expert knowledge and manual efforts leading to costly reconfiguration and traffic interruption.

The image shows the Netflix logo in red, bold, sans-serif capital letters. Below the logo is a red loading spinner, which is a semi-circle with a gap, indicating that content is buffering or loading.

Source: *[Forbes NS](#), **[Ericsson](#)

WAN-AIs MVP is a cognitive network function that dynamically changes network parameters to guarantee performance for UE data sessions



WAN-AI is a step change in technology & benefits from a wide tech moat

Competitive Landscape

Product Vs Industry Priorities



Our Competitive Advantages



Ultrafast computational engine

250X faster than peers and only solution capable of increasing speed with number of CPU cores.



Unique causal AI models

Unlike competing Enterprise solutions* that use implicit training, WAN-AI directly relates cause and effect with explicit training.

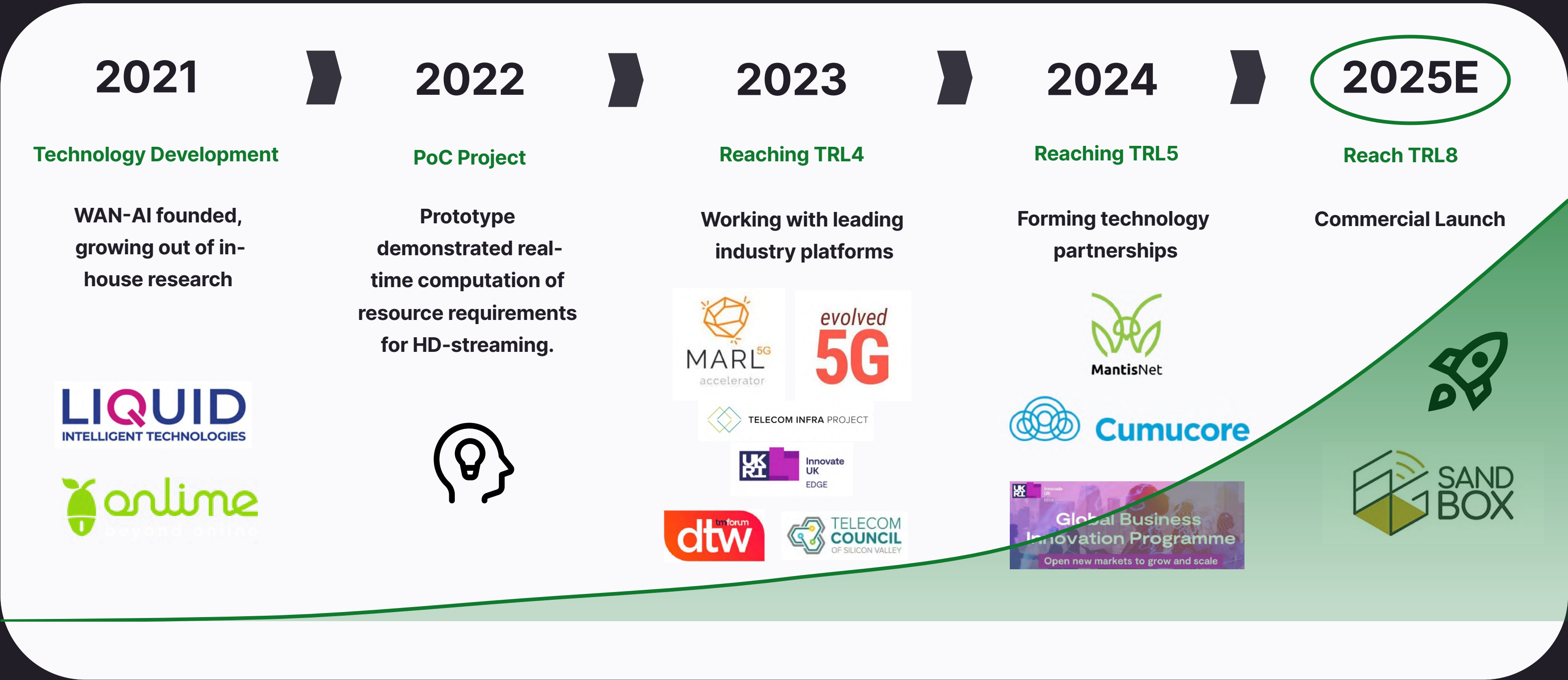


Training efficiency and performance

WAN-AI generates high quality data to training Deep Neural Networks to optimize programmable packet schedulers.

Source: *[Ericsson](#)

Building on years of deep technical research, we are poised to run our first commercial pilot





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Summary.

- The [WAN-AI MVP launch in the 6G-SANDBOX](#) has been approved and is scheduled for Q1 2025
- WAN-AI is an alumni of the [Telecom Council of Silicon Valley CLASS OF 2023](#) and the [TM Forum DTW23 NEXT20 STARTUPS](#)
- Our AI-NATIVE technology fits within the [SNS JU Digital Transition](#) Programme

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