



apstra®

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Imagine an ordinary day in 2025



What makes it all work?



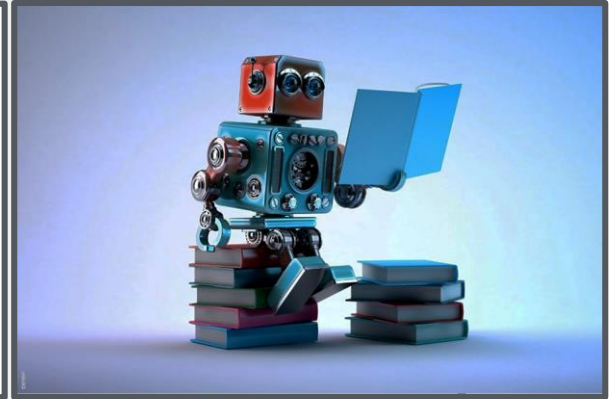
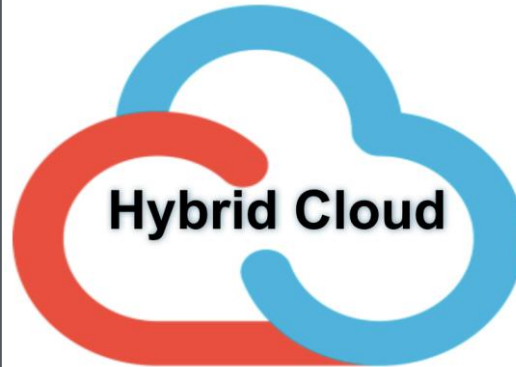
The Google logo, featuring the word "Google" in its characteristic multi-colored font (blue, red, yellow, blue, green, red).The Amazon logo, featuring the word "amazon" in a black sans-serif font with a curved orange arrow underneath it.

Application specific

Hadoop
Elastic Search
Mesos
Kubernetes
Spark
Kafka
Cassandra
MongoDB



Application Specific



IOT, AI, Big Data, Machine Learning, Cloud



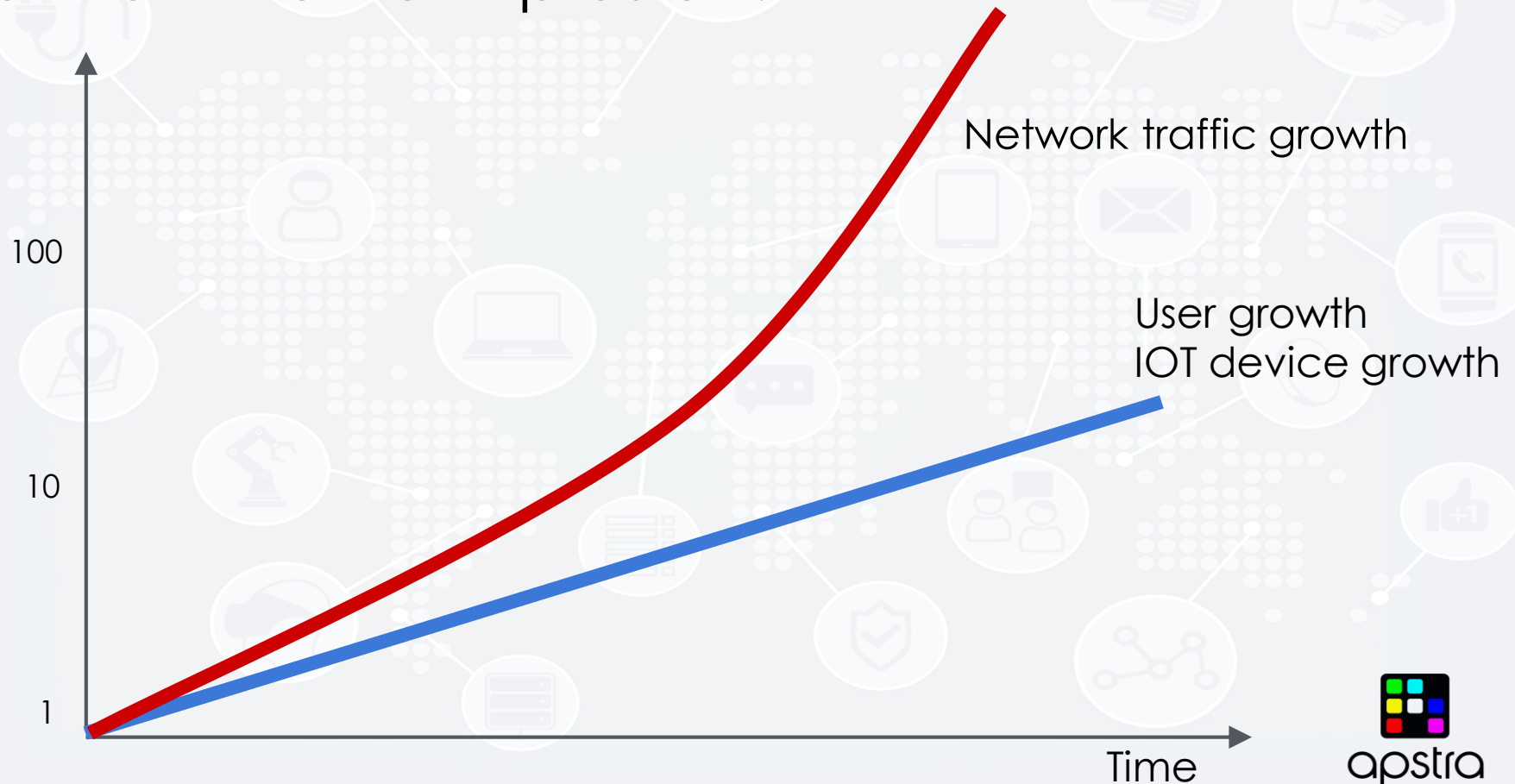
80B

Number of IoT devices in

2025



Network Traffic Explosion!



Application specific

Hadoop
Elastic Search
Mesos
Kubernetes
Spark
Kafka
Cassandra
MangoDB

Highly scalable networks
Highly reliable networks
Highly automated networks



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2011

\$200B

\$100B

\$100B

2017

\$650B

\$500B

\$460B



#digitaltransformation

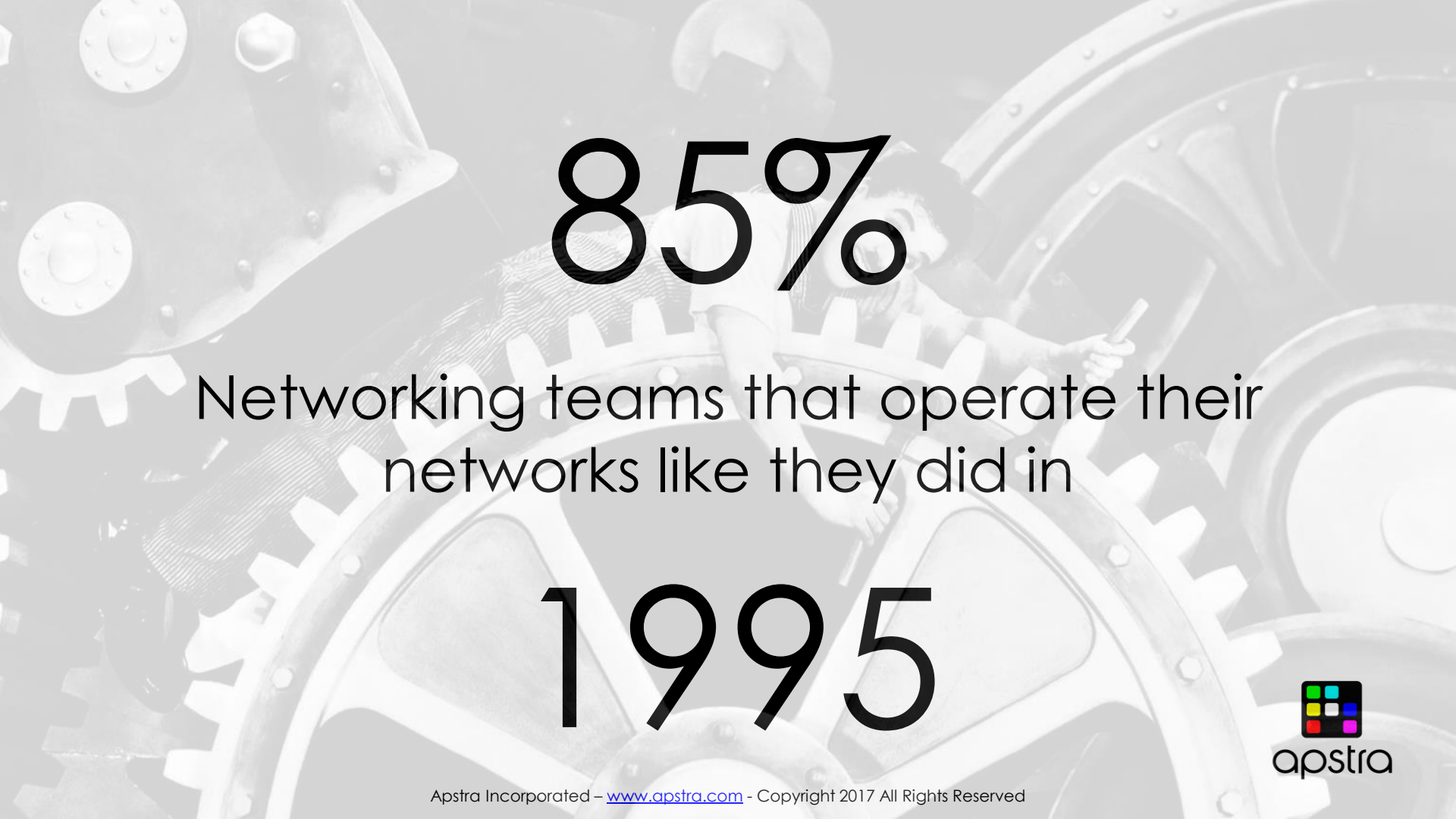
Are we ready for the future?



INSURANCE CLAIM FORM



Let's talk about a dirty little secret



85%

Networking teams that operate their
networks like they did in

1995













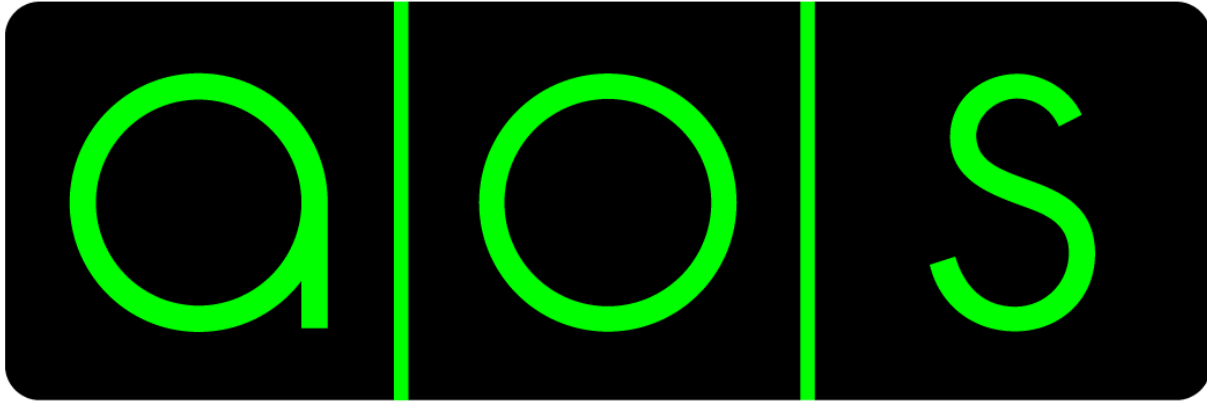
**KEEP
CALM**
You're going to
**crash and
burn**



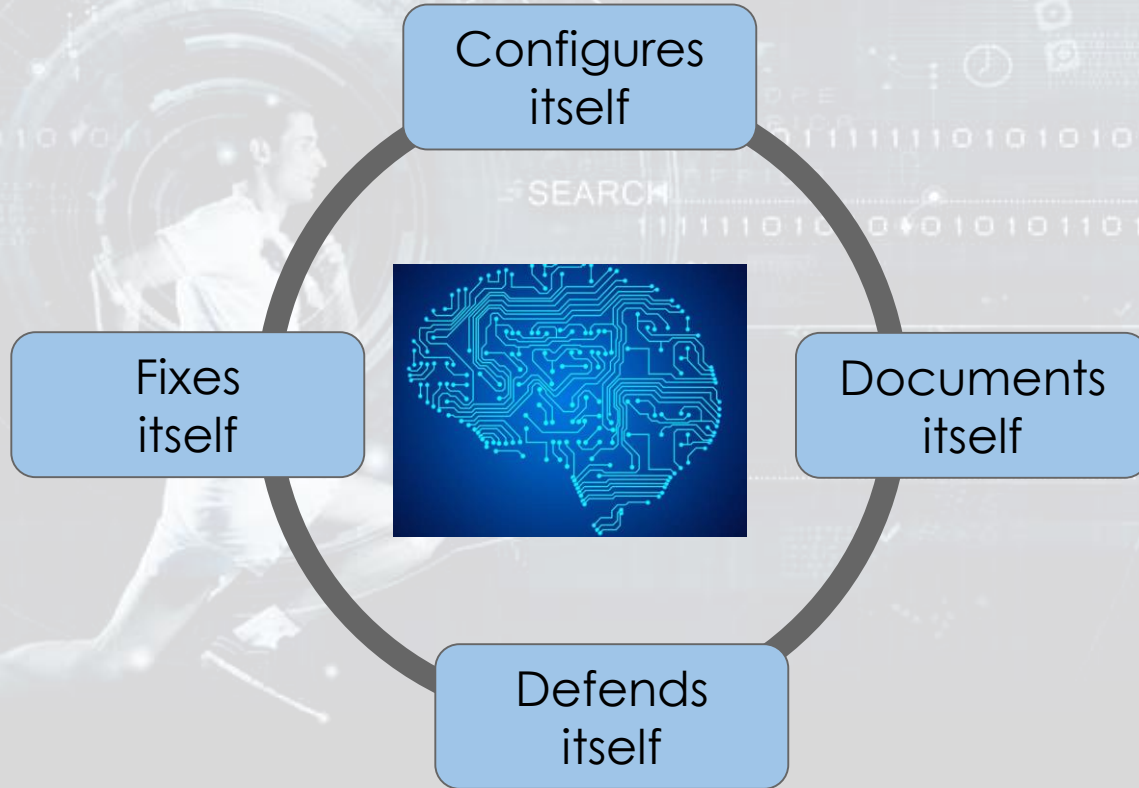
Anatomy of the Network of the Future



The Apstra Operating System (AOS™)



Autonomous Infrastructure Operations

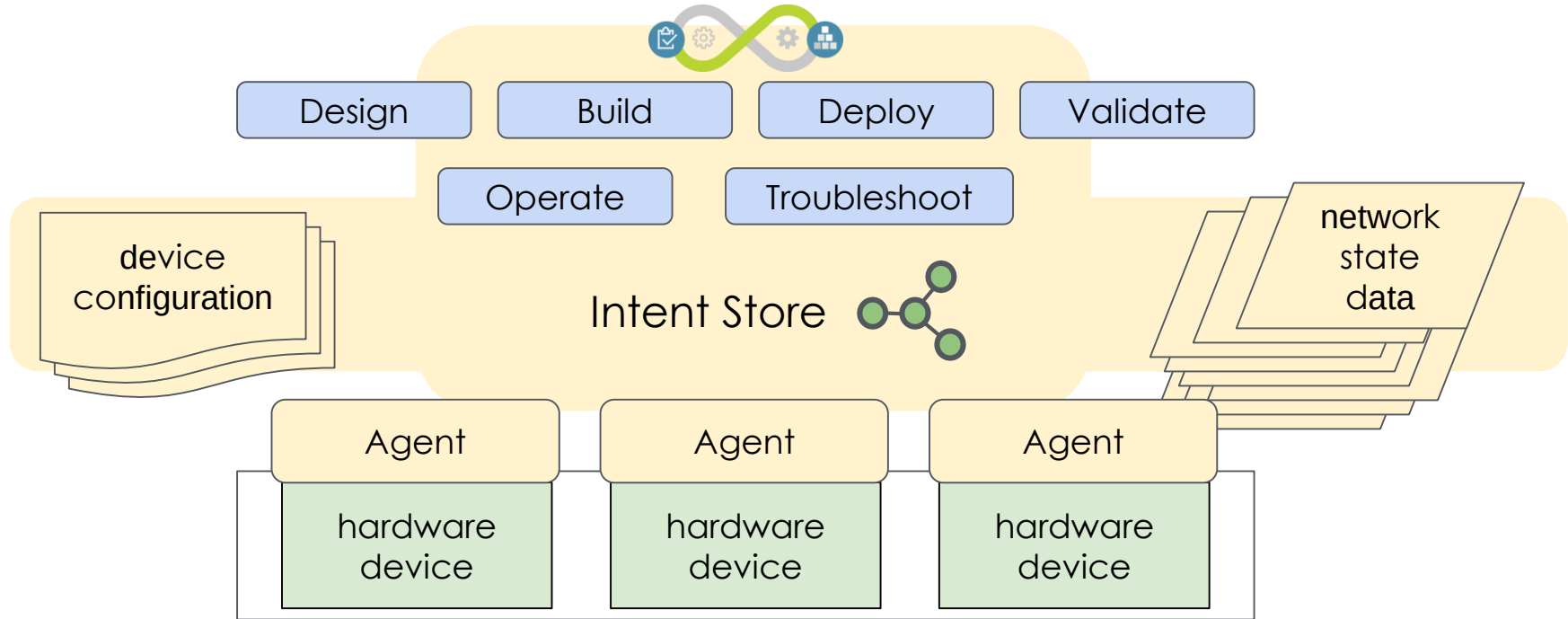


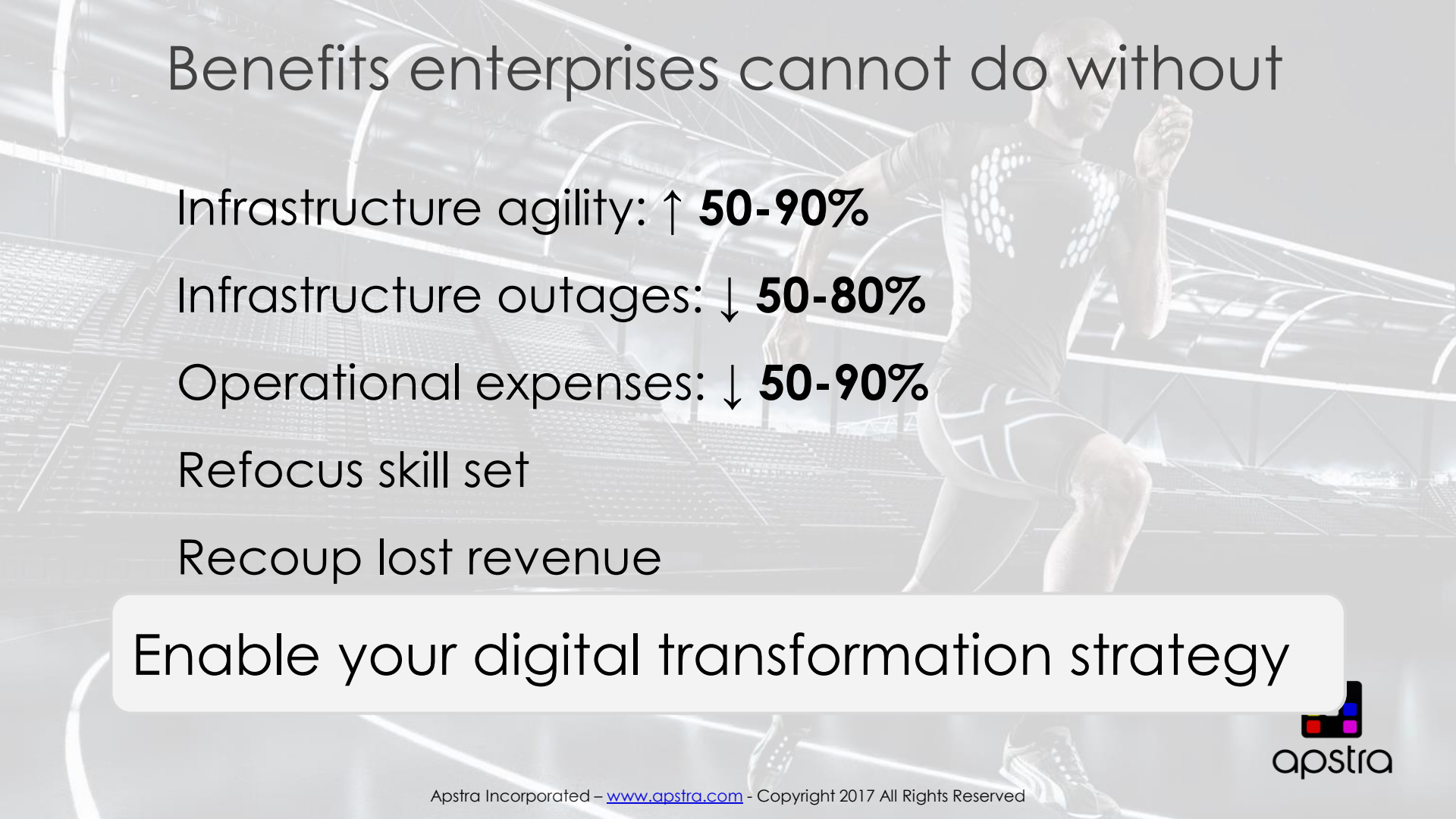
Intent-Based • Closed-Loop • Vendor-Agnostic

Self Operating
Infrastructure



Autonomous Infrastructure Operations





Benefits enterprises cannot do without

Infrastructure agility: ↑ **50-90%**

Infrastructure outages: ↓ **50-80%**

Operational expenses: ↓ **50-90%**

Refocus skill set

Recoup lost revenue

Enable your digital transformation strategy

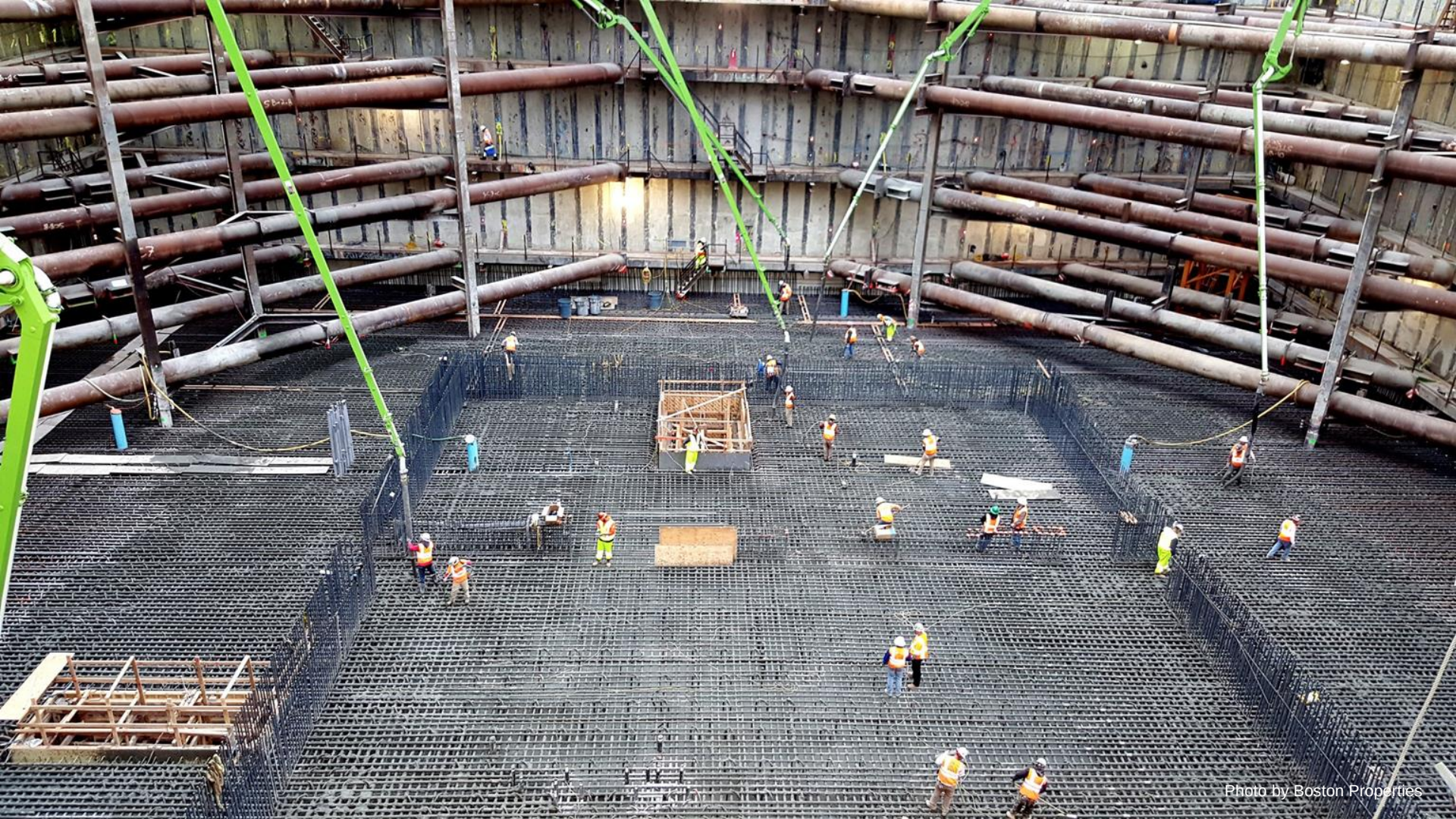


Intent-Based, Autonomous Network

- June 2016 - Apstra AOS launched, global revenue
- May 2017 - Intent-Based Systems will redefine networking for the next 30 years

Chuck Robbins, Cisco







KEEP
CALM
AND
COMPETE



apstra



apstra®

Thank you!

@ApstraInc

@MansourKaram