Akamai Edge 2017 Review

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Bringing the future into focus

The Future
Extending the Akamai Edge to every device, office and home.

Enable secure enterprise application access in minutes

Dr. Tom Leighton, CEO, Akamai

https://edge.akamai.com/ec/us/highlights/keynote-speakers.jsp#bringing_the_future_into_focus_modal
Closing Keynote: Akamai enters IoT market

Predictions for 2020
• 4 billion connected people
• 25+ billion embedded and intelligent systems
• 50 trillion GBs of Data
• 25+ millions of Apps
• Resulting 4 trillion dollar market

4 key pillars
• Reliability
• Performance
• Security
• Insight

Products
• Over the Air Software updates (e.g. for cars, real-time traffic update)
• Distributed communications and processing (beta): making the Akamai network 2-way, not just push data out, bring data in. (E.g. car reporting black-ice on road, agricultural automation)
• MQTT inside Akamai

https://edge.akamai.com/ec/us/highlights/2017-edge-video-highlights.jsp
Introduction to MQTT

- **Message Queuing Telemetry Transport** Protocol
- A lightweight messaging protocol for small sensors and mobile devices, optimized for high-latency or unreliable networks
- Works on top of the TCP/IP protocol.

mqtt.org/
Future of Pay TV

Power of predictions, data analytics, user activity.

Roger Lynch, CEO Of Sling TV
Future of financial services

- Rise of bots
- AI and Machine learning
- Quick messaging
- Finance on the background (you never pay the Uber)
- Financial interaction are changing
- Higher degree of data

Millennial Expectations: Key Trends

Neff Hudson, VP of USAA
Future of ecommerce

Dr. Dongbai Guo, CTO of AliExpress, Alibaba group

Machine translated conversation
VR/AR (visual furniture in your room)
Akamai Vision

**MEDIA VISION**
Provide the highest quality experience possible on any device securely to audiences anywhere at scale

**GREAT ENTERTAINMENT EXPERIENCES**
Immersive, engaging user experiences

**LARGEST AUDIENCES**
Scale for the massive peaks of agile shifting online audiences

**HIGHEST QUALITY**
High quality with no interruptions or degradations

**WEB VISION**
Provide Instant & Secure Access to All Apps & Sites For Users Everywhere, On All Devices

**ALL WEB TRAFFIC**
Websites, Native Mobile Applications, APIs, Images

**ALL DEVICES**
PC, Mobile Phones, IoT

**ALL NETWORKS**
Cellular, Wi-fi, Wired Broadband

**ENTERPRISE VISION**
To secure, protect and accelerate the enterprise as a service in the cloud

**ALL ENTERPRISE APPLICATIONS**
SaaS, Cloud & Private

**ALL ENTERPRISE USERS**
Branch, Mobile & 3rd Party

**ALL ENTERPRISE DEVICES**
Mobile, PC, BYOD & IoT

Enterprise network services, secure connection to backdoor

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Thanks!
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