



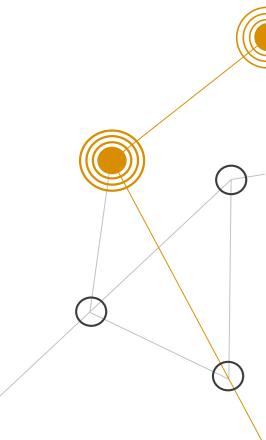


For business people selling products and services into IoT

but of course everyone else is welcome: techies, end-users, ...

Focus of presentations and discussions:





Podcast: The IoT Inc Business Show





http://www.iot-inc.com



And on iTunes: http://bit.ly/iot-iTunes

Help



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We're 455

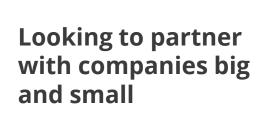
Upcoming 2

Sunnyvale, CA Founded Aug 25, 2014 Business Leaders 455

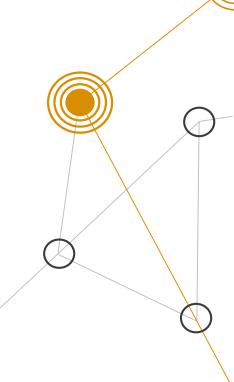
Group reviews 13 Upcoming Welcon Meetups Past Meetups 首 Our calendar The Trans

Invite your colleagues to join us

Click here to leave a review Silicon Valley in a Box®







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Notes





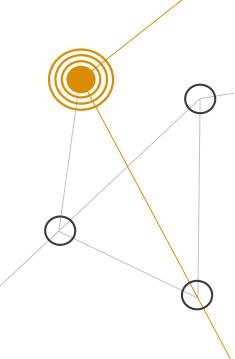
Next Meeting

Todd Greene, CEO at PubNub

The Cost of Doing IoT Wrong

Shout out for UK IoT conference: http://iot.thebln.com/ use code 'Meetup20' for 20% off

Send me an email at bruce@iot-inc if you're interested in becoming a sponsor







The Transformative Potential of the Industrial Internet

Dave Bartlett, CTO GE Aviation

dave.bartlett@ge.com @davebart

November 12, 2014

Imagination at work.

GE Aviation - a long history of innovation...





GE 4Q 2014 PRODUCT HIGHLIGHTS





LEAP Engine

79% market share to date

(55% on A320neo and 100% for 737MAX) (LEAP is a trademark of CFM International, a 50-50 JV between Snecma and GE.)



GE Reports @GE_Reports - Jan 23

.@GEAviation LEAP Engine has 79% market share to date pic.twitter.com/Rjtr6dDNzh

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GE Aviation @GEAviation - Jan 22

A @USArmy UH-60M Black Hawk powered by 2 #GEAviation T700-701D turboshafts #MilitaryAviation #AvGeek pic.twitter.com/p5Y7ovDDAj

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Industrial Internet – the Next Big Wave

Wave 1 – Industrial Revolution

Factory enabled scale

Wave 2 - Internet Revolution

IT enabled

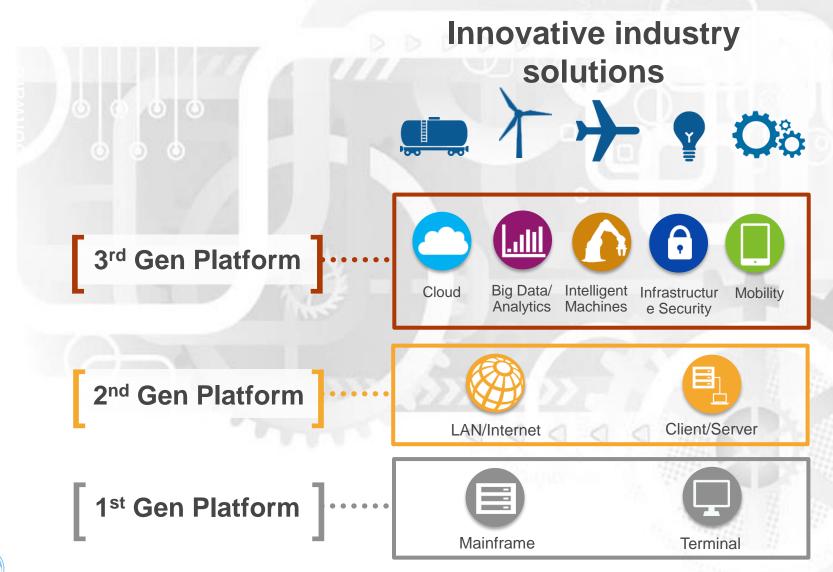
Wave 3 – Industrial Internet

Machine based(OT) intelligence, Physic & data based analytics, Big Data



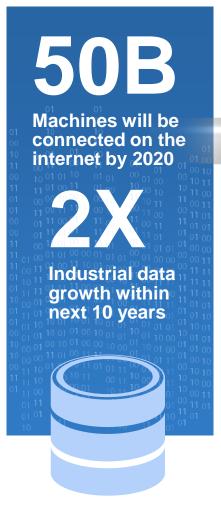


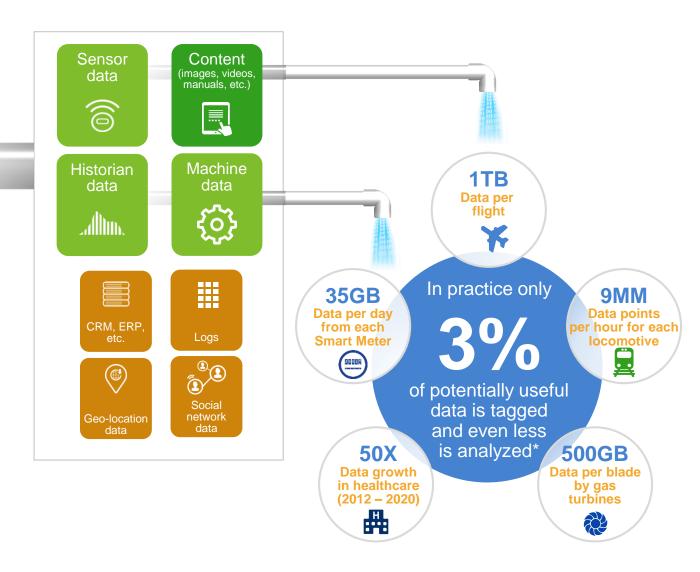
OT platform for the Industrial Internet





Industrial big data – fast and vast

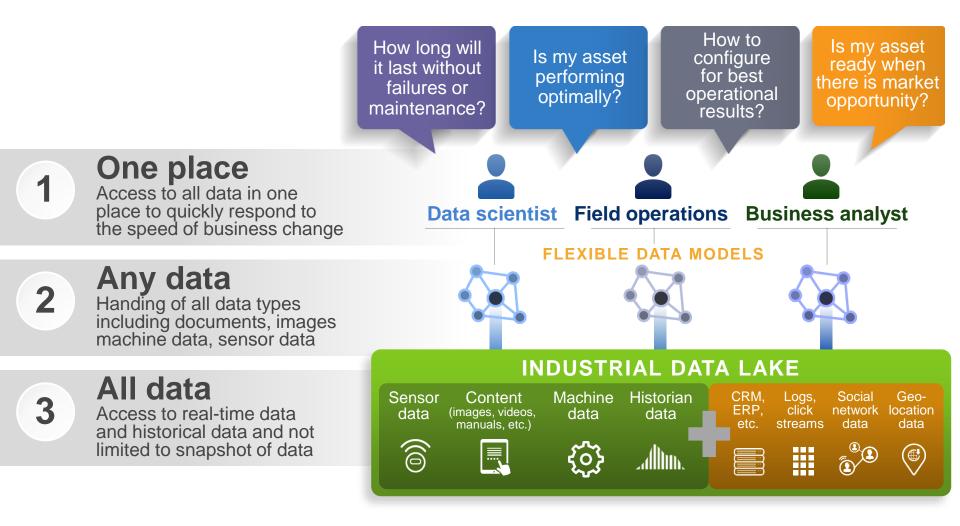




*Source: IDC



The industrial data lake



Rapid access to all data for analytics



Co-Innovating with Proven Players Leveraging proven know-how and technologies





















GE Aviation & PredixTM



Performance improvement



Cost reduction



Time-to-market for new analytic app

Fast ingestion, storage and compute

Industrial Data Lake

High performance analysis Optimized for mission-critical workloads

Data governance and federation

- Asset Productivity
- Improved forecasting
- Minimize disruptions





Predictivity + aviation

Impact of Unplanned Downtime



Air turnbacks are costly

Airline industry maintenance cost for delays & cancellations



Decrease in workforce productivity



\$45MM per day

Loss per cancellation or diversion



Loss per delay



Benefits of Predictive Maintenance



Effective workforce & reduced maintenance costs



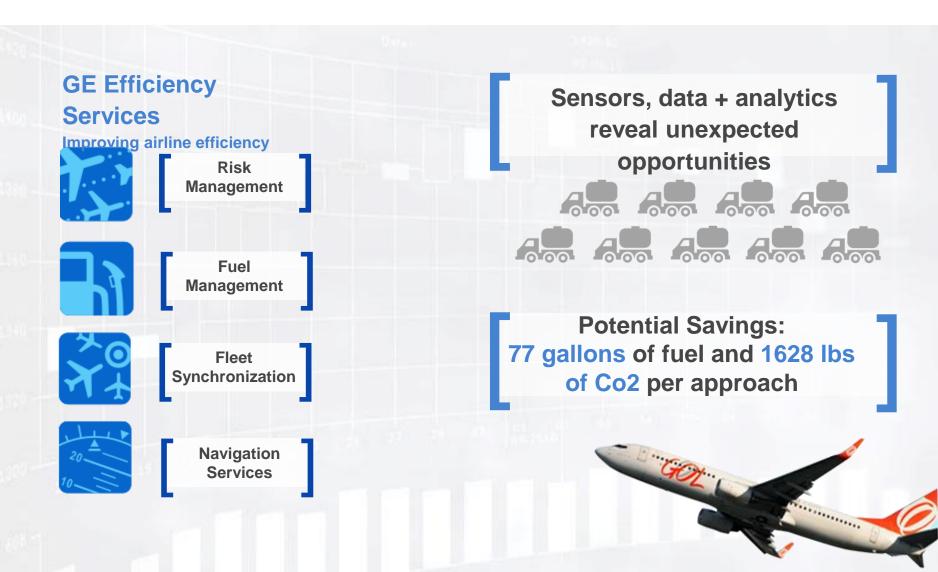
On-time performance



Customer satisfaction



Improving the business of flight







AT

TO WORK

TAKING THEM OFF THE PAPER **OUT OF THE LAB AND INTO** THE WORLD

SHARING

REAL FINGS CAN BE MADE

WORK

BEWHY WE RT UP IN THE MORNING

BUILD CURE ROW MOVE THE WORLD **WE ARE AT WORK MAKING THE WORLD WORK BETTER**

