IQRF Summit 2018

IBM Cloud – IoT powered by Watson Al

Rainer Pirker Watson & Cloud Platform leader IBM Central & Eastern Europe

Laszlo Boa Cloud Architect IBM Central & Eastern Europe



Prague, April 24th 2018

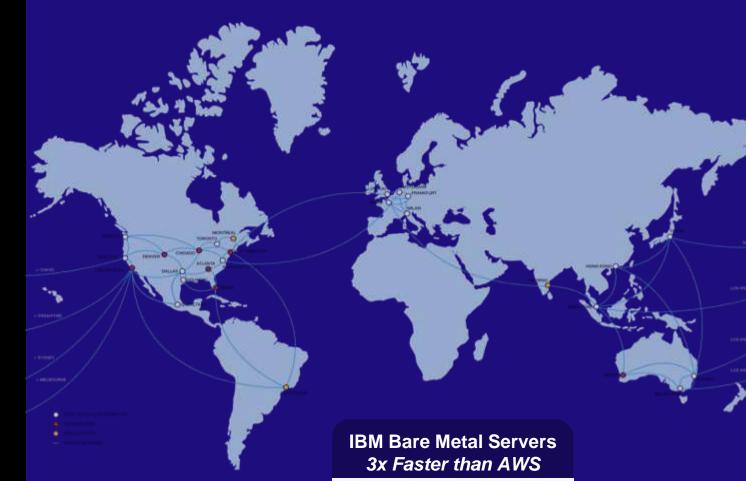




Only IBM delivers an architecture engineered for business optimization and delivering signature customer experiences.

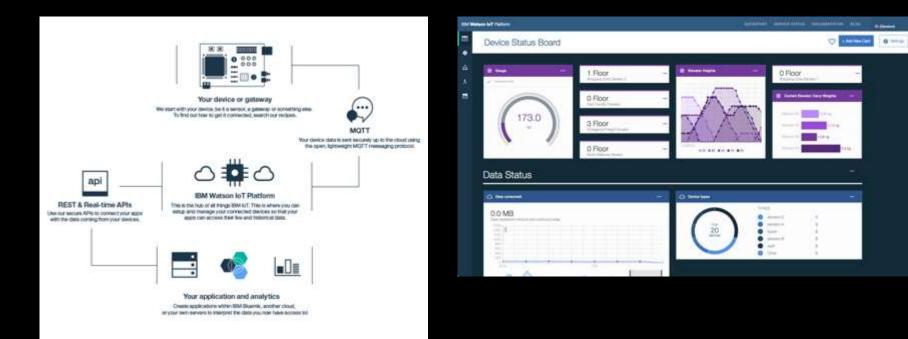
	Applications, solutions and services Targeted solutions for enterprise businesses	IBM Services & Ind. Solutions	Weather	Wats Cybe Secu	er	Cloud Video	Watson Explore and Discover		M Risk and npliance	Watson Virtual Agent	more
\bigcirc	AI	Genversatior	n d _y Discov	ery		Compare and Comply	Id DLaaS		Id∀ Tor Ana	ne alyzer	⊢ Personal ∀ Insight
\mathcal{F}	Cognitive building blocks for developers	l⊣ Visual ∀ Recognition	ld Speect	ſ		Document Conversion	⊣ Nat Langu ≪ Understan			: Language ssifier	more
	Data Tools to prepare data for cognitive	Ingestion	⊳ St	orage		Analyt	ics (De	oloyment		Governance
		Cloud	Integration			Cognitive	e Micro-services			DevOp	os Tooling
Cloud Infrastructure A highly scalable, security enabled infrastructure	Networking	Compute		Secu		Cognitive Systems		Virtual Object Servers Storage		more	
			Public			Hybrid				Private	

Scale your innovative applications on the right type of cloud with global infrastructure

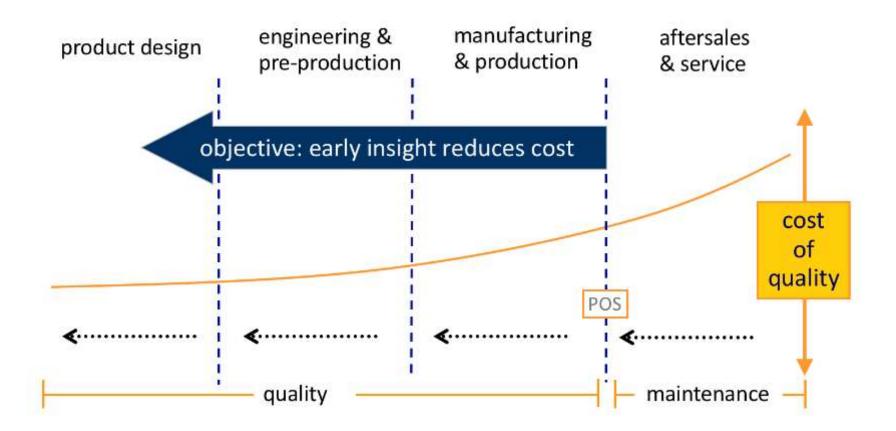


ক্ষ	0-00	1	0
2,000 Gbps	3 networks	55 total	40 ms
of connectivity between data centers and network points of presence (PoPs)	separate public, privatuund internal management networka	IEM cloud data center	of latency onto private network global

DEMO: Watson IoT

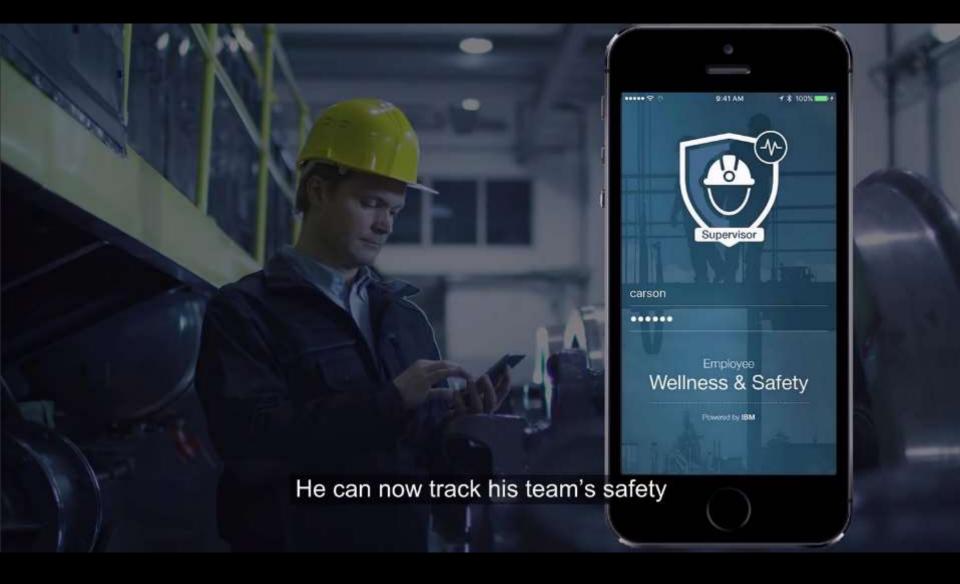


Solutions: Predictive Maintenance and Warranty



Early insight into trend analysis is achieved through data aggregation and analysis of material, component and product specifications; equipment calibration; call center records; social network feeds; historical supplier performance and service parts history.

Solutions: People Centric IoT



Solutions: IoT for Home Appliances



Solutions: IoT for Home Appliances





	Connect to IoT for Electronics
6	App - Computer - App
in your	n IoT for Electronics starter web ap browser.
	should be in the format: https:// emixappname.mybluemix.net
2. Scan	the QR code or manually setup.
	Scan QR Code
	Manual Setup

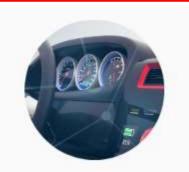
Solutions: IoT for Automotive

In-vehicle experience and mobility



Watson Assistant for Automotive

A digital personal assistant tailored for the in-car experience which learns and anticipates the needs of drivers and passengers



Watson IoT connected vehicles

Linking drivers and cars to the surrounding environment to improve the mobility experience for anyone using vehicles



Continuous engineering for automotive

Product development and systems engineering solutions for OEMs, Tier-1 suppliers and systems integrators



BMW

Exploring conversational interfaces in BMW i8

Airwire Technologies

Connecting the world one car at a time

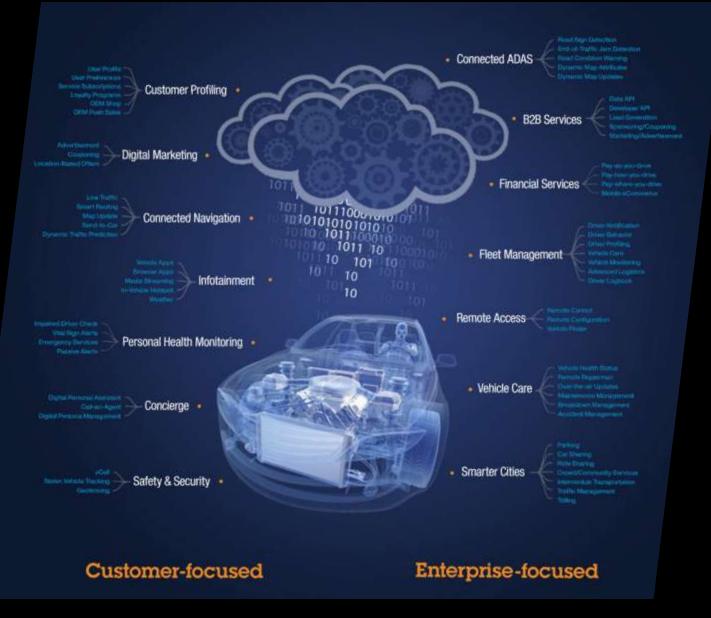
Honda R&D

Improves R&D and operations with new insights from engineering data

#AccessibleOlli with Watson Assistant

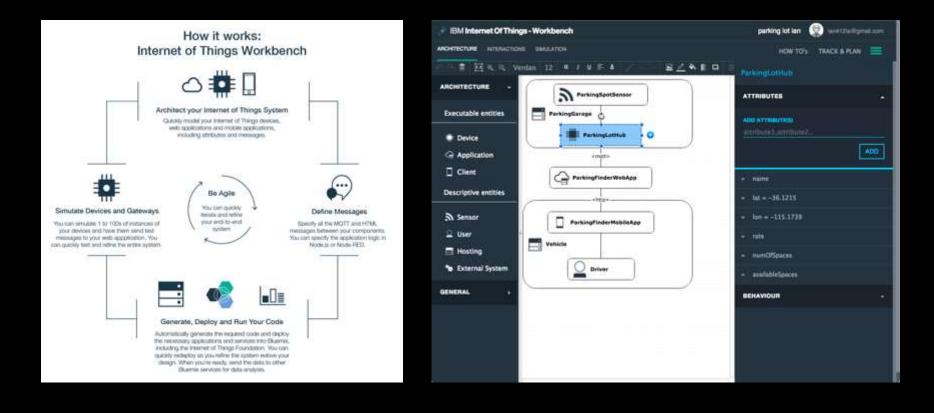
Creating a self-driving vehicle that is accessible to all

Solutions: IoT for Automotive



...coming soon – available as Experimental Service

IoT Workbench - a service for designing, constructing and simulating Internet of Things systems)



DEMO: IBM Cloud Catalogue & Node-Red IoT example



- overview of the cognitive IBM Cloud Catalogue
- Boilerplate IoT Starter



Short Node-Red example with Texas
Instrument device



Let's get started. www.ibm.com/cloud



Trademarks and notes

© IBM Corporation 2018

IBM, the IBM logo, ibm.com, and Watson are trademarks or registered trademarks of International Business Machines Corporation in the United States, other countries, or both. If these and other IBM trademarked terms are marked on their first occurrence in this information with the appropriate symbol ($^{\circ}$ or m), these symbols indicate U.S. registered or common law trademarks owned by IBM at the time this information was published. Such trademarks may also be registered or common law trademarks in other countries. A current list of IBM trademarks is available on the Web at "Copyright and trademark information."

- •Other company, product, and service names may be trademarks or service marks of others.
- References in this publication to IBM products or services do not imply that IBM intends to make them available in all countries in which IBM operates.

BACKUP