Industry 4.0 - Innovazione e Trasformazione: la nuova misura del Tempo It's all about innovation

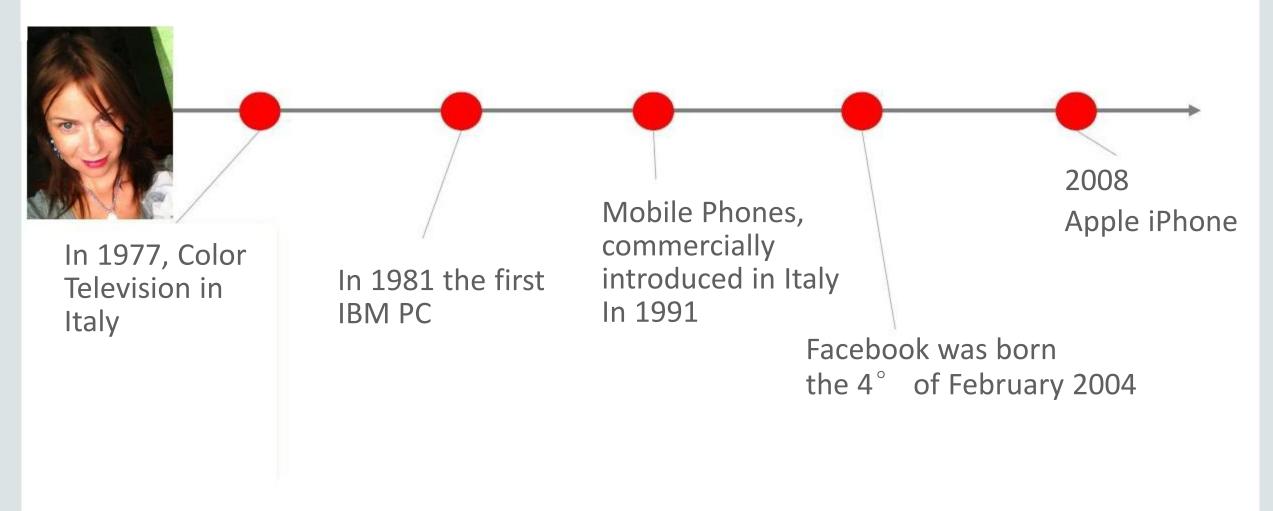
Patrizia Serini Solution Consultant Supply Chain Oracle Italy

Safe Harbor Statement

The following is intended to outline our general product direction. It is intended for information purposes only, and may not be incorporated into any contract. It is not a commitment to deliver any material, code, or functionality, and should not be relied upon in making purchasing decisions. The development, release, and timing of any features or functionality described for Oracle's products remains at the sole discretion of Oracle.



The innovation timeline...



Digital Disruption is Happening Now, Everywhere





"New Distribution Model"



"A new media standard"



Change/Break the traditional channel

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Vivamus eu sem nisi. Nullam ligula magna, dignissim sed ornare vel, adipiscing ut diam. Nam eget est a dolor lacinia malesuada. Maecenas sit amet ante sed ipsum cursus porta id ut magna. Nunc et eros sit amet mi egestas ultrices. Etiam lacus nulla, ultricies vitae aliquam eu, posuere id mi. Curabitur eget sollicitudin felis. Suspendisse potenti. Nulla facilisi. Aliquam iobortis, quam vel venenatis convallis, enim tellus sodales metus, sed sodales lacus purus in magna. Quisque vehicula lacus cursus ante aliquam eu mattis lectus interdum. Sed accumsan laculis massa ut aliquet. Duis vitae massa et neque cursus dignissim quis eu eros.

Mauris a dolor mi, eu accumsan mauris. Praesent tincidunt volutpat ipsum quis posuere. Nam ultrices bibendum accumsan. Donec lacinia imperdiet facilisis. Vivamus facilisis laoreet luctus. Nulla lobortis mollis leo, ac viverra magna feugiat quis. Sed egestas mollis ligula. Quisque imperdiet odio id arcu hendrerit ut eleifend mi lobortis. Class aptent taciti sociosqu ad litora torquent per conubia nostra, per inceptos himenaeos. Pellentesque pellentesque nibh sed ligula dignissim adipiscing et quis elit. In et sapien ante.

Internet of Things is Here (and Everywhere)

Insurance

Manufacturing

ORACLE

Telematics

Logistics

Security

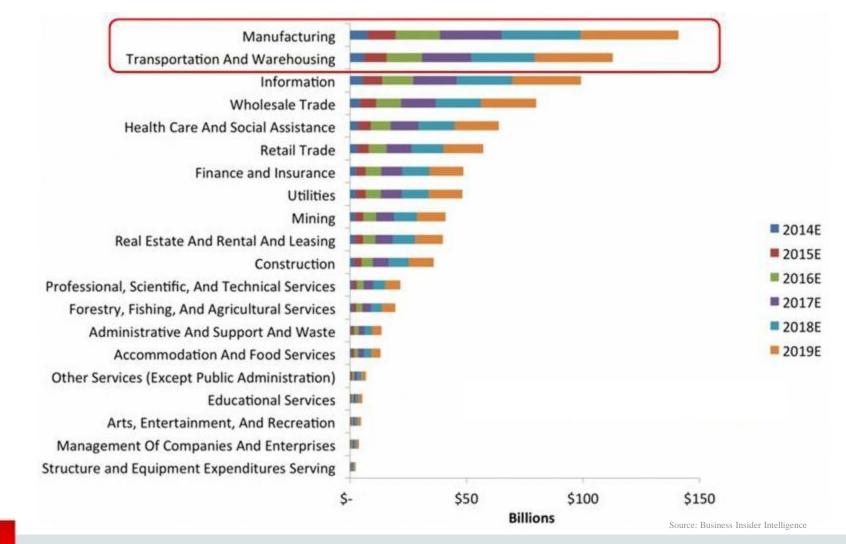
Retail

Hospitality

Wearables

Utilities

Investments in IoT Solutions by Industry



Reactive

Controls

Manual Processes Today... **IoT** Devices Current processes

Business Applications



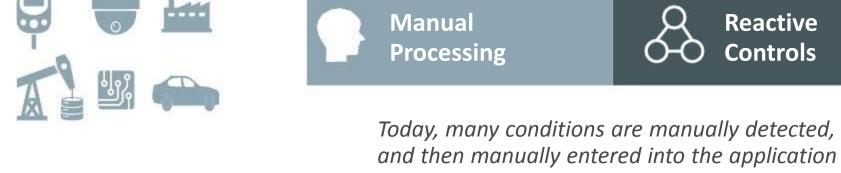
Manufacturing, SupplyChain, Asset Mgmt



Customer RelationshipMgmt, Sales, Service



Vertical Apps – Utilities, Healthcare, Retail



Maintenance Maturity Model - Use Case Managing costs while improving reliability and safety

Preventive

Maintenance

(Based on time or

counter schedules)

Condition-based Maintenance

(Based on monitoring to assess condition)

Predictive Maintenance

(Based on models of the evolution of the conditions of assets)

PredictiveMaintenance uses analytics to model foreseeable evolutions of the characteristics of individual assets

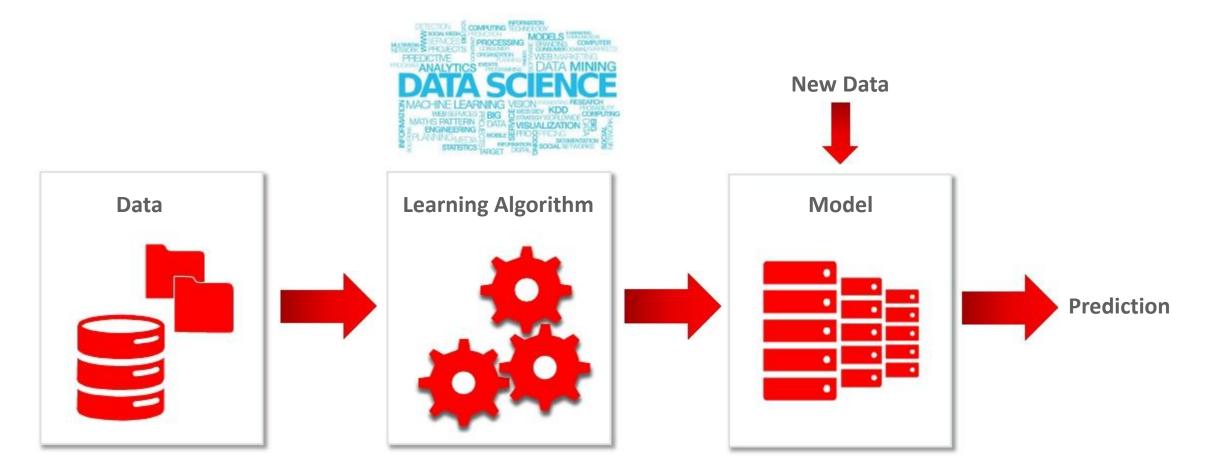
Reactive Maintenance

ORACLE

(Machine fails, then fix it)

Source: Gartner

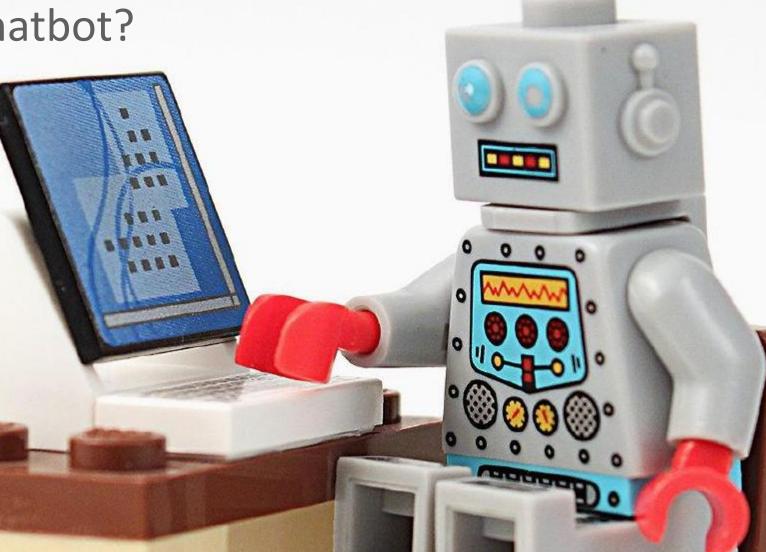
New Artificial Intelligence Technology: Machine Learning Computers Learning Based on Patterns in the Data





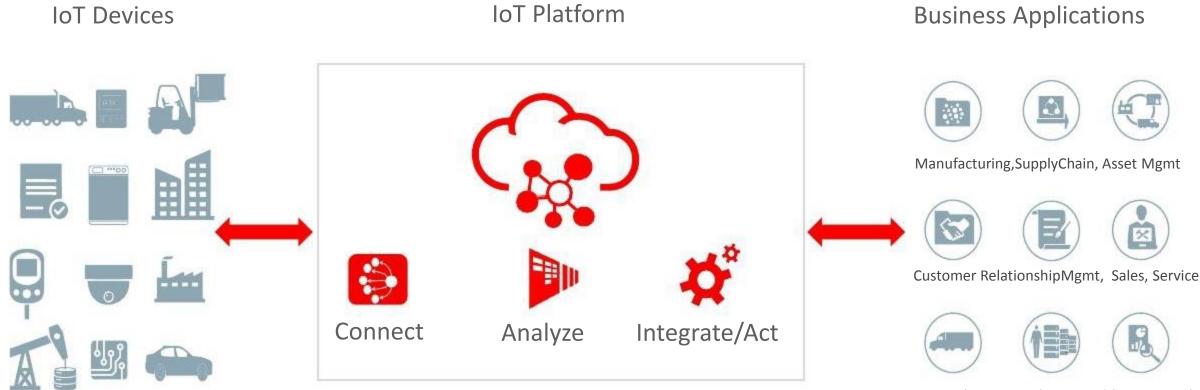
What is a chatbot?

Chatterbot, a chatter robot is a type of conversational agent, a computer program designed to simulate an intelligent conversation with one or more human users via auditory or textual methods. (Wikipedia)





The 3 levels of the Internet of Things Platform

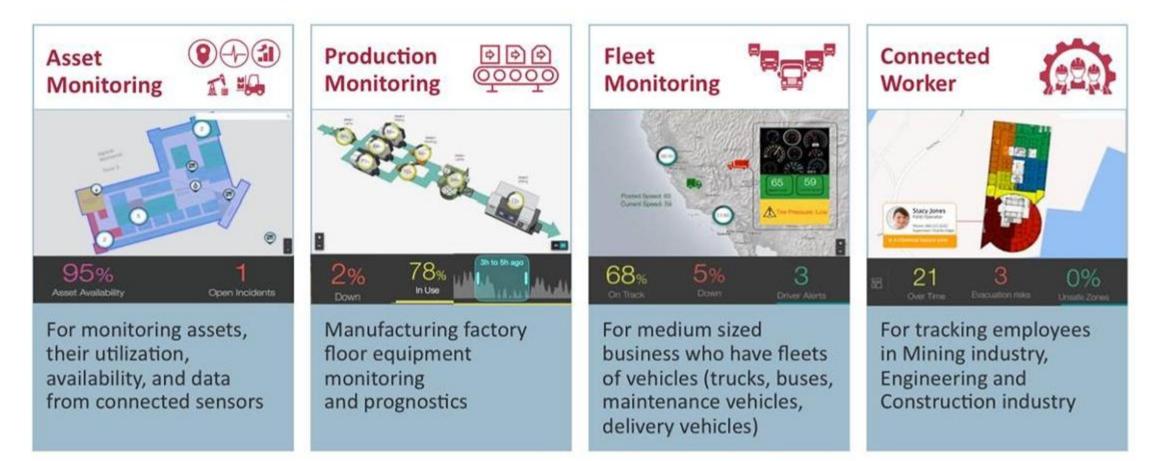


Vertical Apps – Utilities, Healthcare, Retail



IoT Implementation Strategy Service Excellence					Apps
Devices	Connected Assets Phase	Predictive Analytics Phase		Phase	ERP SCM MES
	Connected Assets	Predictive Analytics		Service Excellence	Customer Support CRM HCM
T	 Remote Monitoring Asset Tracking 	 Proactive Decisions Predictive Algorithms Improved Products 		 Business Transformations IoT Blended Into Enterprise Applications 	Custom Enterprise Applications

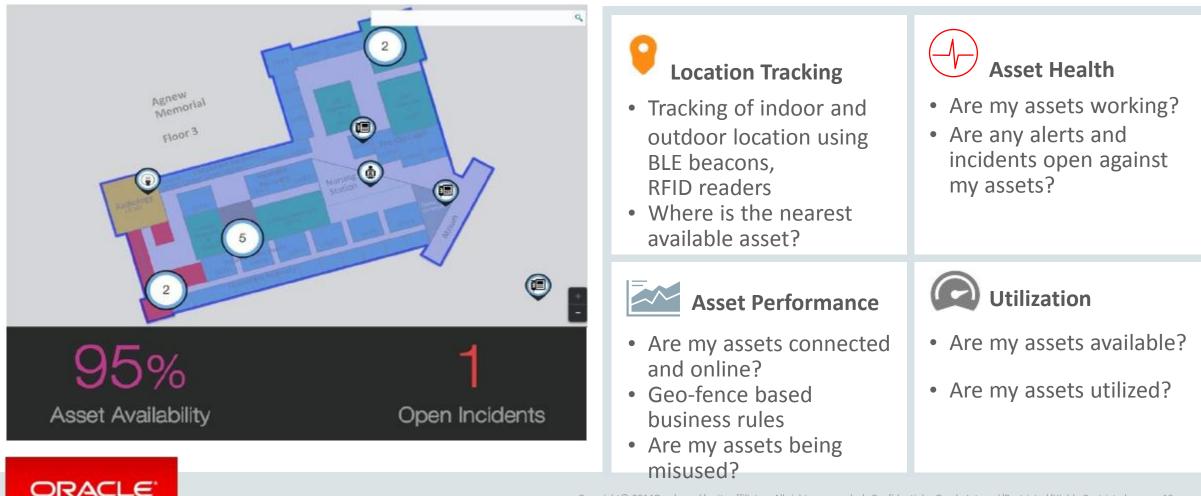
Oracle IoT Applications





IoT App – Asset Monitoring

For monitoring assets, their utilization, availability, and data from connected sensors

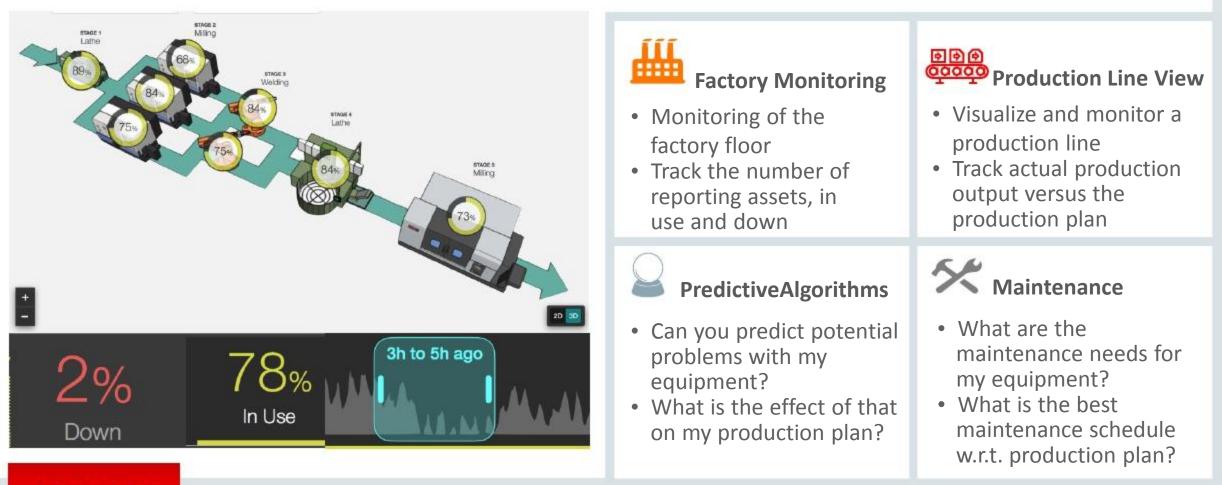




IoT App – Production Monitoring

ORACLE

Manufacturing factory floor equipment monitoring and prognostics



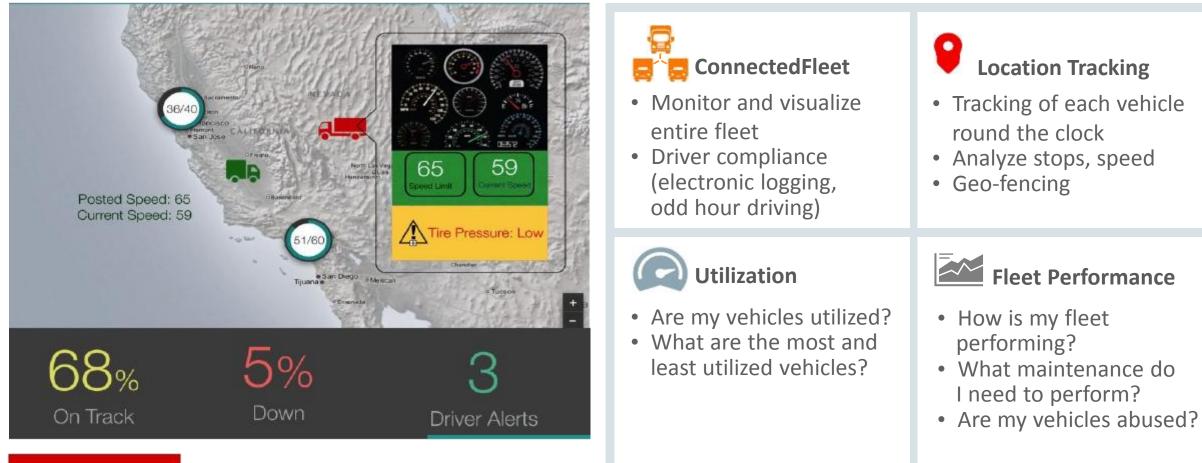
Copyright© 2014Oracle and/or its affiliates. All rights reserved. | Confidential – Oracle Internal/Restricted/Highly Restricted

20



IoT App – Fleet Management

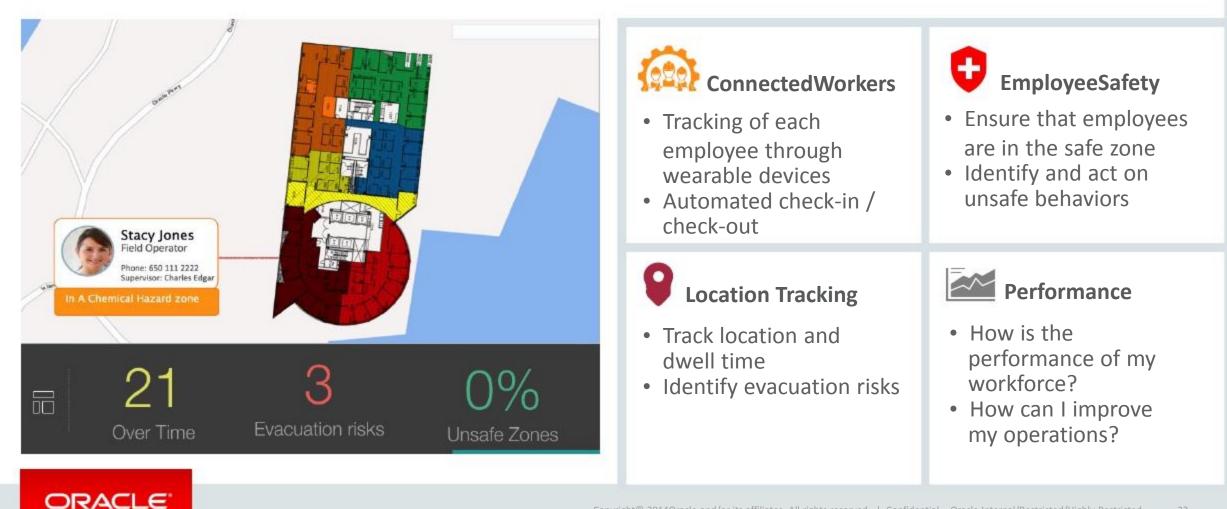
For medium sized business who have fleets of vehicles (trucks, buses, maintenance vehicles, delivery vehicles)





IoT Insights App – Connected Worker

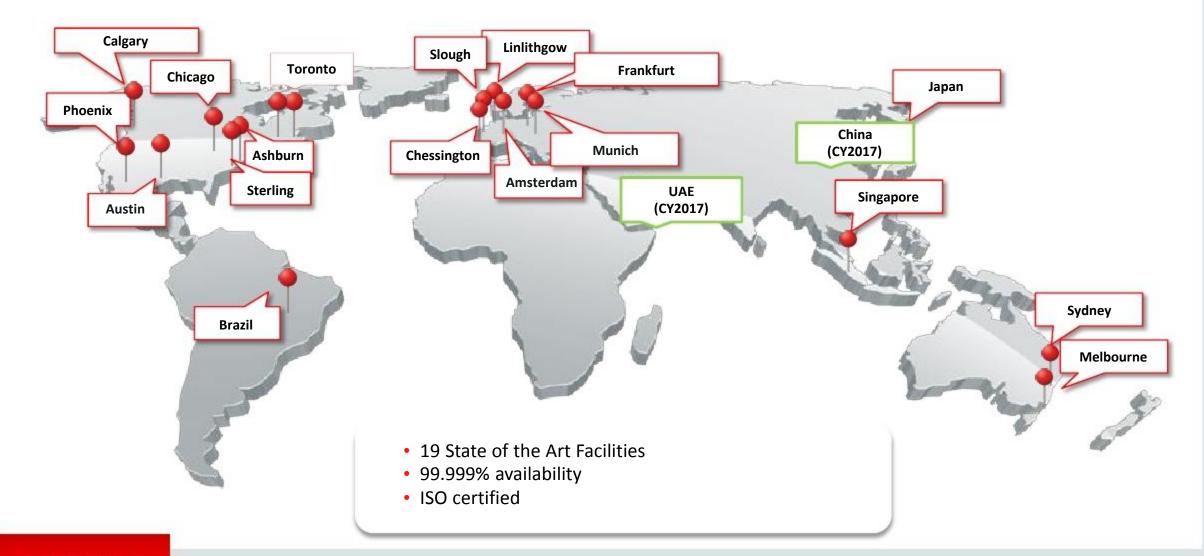
For tracking employees in Mining industry, Engineering and Construction industry

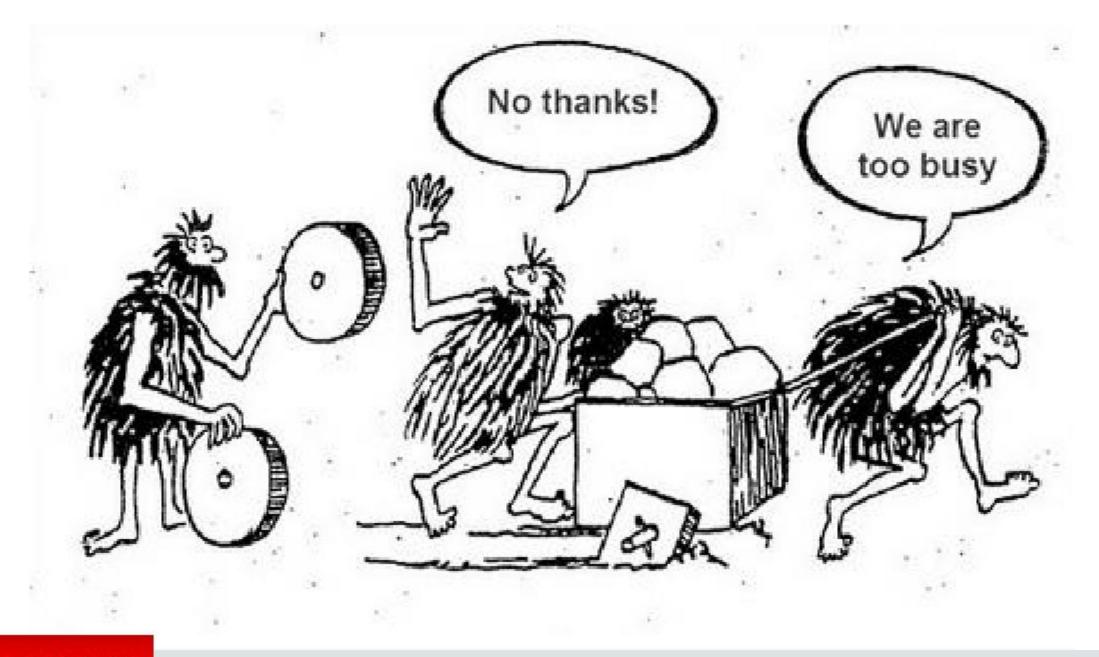


Oracle Cloud – Where do we keep your data?



Oracle Cloud – Global Data Centers





"Destiny is not a matter of chance; it is a matter of choice. It is not a thing to be waited for, it is a thing to be achieved" William Jennings Bryan





Hardware and Software Engineered to Work Together

