

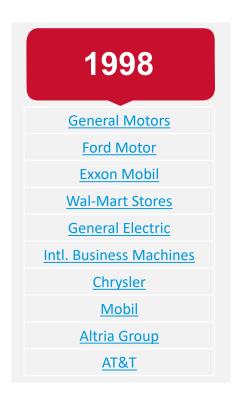




40% of today's Fortune 500 companies on the S&P 500 will no longer exist in 10 years.

John M. Olin School of Business at Washington University 2016

Fortune Top 10 Companies







2018 Market Capitalization Ranking

Q1	Q2		
Apple Inc.	Apple Inc.		
Alphabet Inc.	<u>Amazon.com</u>		
<u>Microsoft</u>	Alphabet Inc.		
Amazon.com_	<u>Microsoft</u>		
<u>Tencent</u>	<u>Facebook</u>		
Berkshire Hathaway	<u>Tencent</u>		
Alibaba Group	Alibaba Group		
<u>Facebook</u>	Berkshire Hathaway		
JPMorgan Chase	JPMorgan Chase		
Johnson & Johnson	<u>ExxonMobil</u>		

https://en.wikipedia.org/wiki/List_of_public_corporations_by_market_capitalization#2018

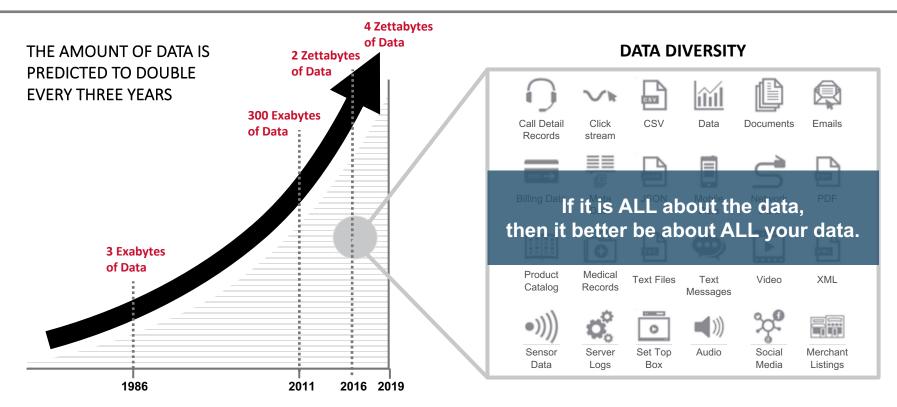






extract & capture new value from data @ scale

Data Growth & Diversity Puts Premium On Efficient Leverage



Source: McKinsey Global Institute: "The Age of Analytics", Dec. 2016







MapR Technologies

COMPANY

Silicon valley software company

Preferred choice for production AI & analytics deployments

Better value,

lower TCO



ACCLAIMED INNOVATOR

AI, Machine Learning

& Analytics at scale

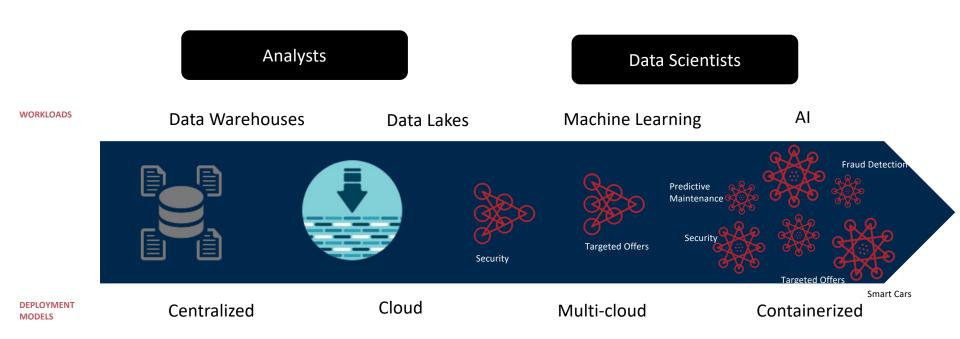
IoT & Edge Analytics

Reliable distributed

file & object store

The Trend From Analytics to Active AI & Data Science

Forrester Research predicts that by 2020, businesses adopting Machine Learning, AI, and Deep Learning, the Internet of Things (IoT), and Big Data will take away more than \$1.2 trillion from their less-informed peers.



A Powerful Founding Vision

VISION: A POWERFUL INNOVATIVE DATA PLATFORM

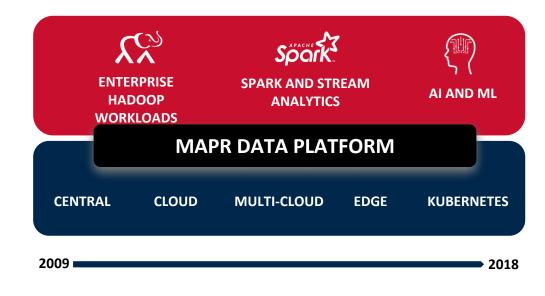
- Ingest, store, manage and use many data types
- Execute wide range of analytical and Al tools

MISSION CRITICAL CAPABILITIES

- Patented, superior distributed technology platform
- High scale, high reliability, efficient architecture

VALUE AT PRODUCTION SCALE

Large global enterprises rely on MapR



MapR Delivers Value To Leading Companies

HOW CUSTOMERS APPLY MAPR

- Speed up AI, Analytics initiatives for more impact
- Create highly reliable scalable data fabric
- Use data streams for real time analytics

BUSINESS VALUE

- Proven to deliver transformative business benefits
- Increase revenue with higher impact of analytics
- Reduce cycle time of business processes

SUPERIOR TECHNOLOGY

- Patented software with a highly distributed architecture
- More scalable and reliable enterprise grade platform
- Runs Hadoop, Spark, ML, Al tools better

PRODUCTION SCALE CUSTOMERS

Amex

UHG

Nordea

KDDI

Ericsson

Philips

REWE

Cisco

Charles Schwab

BNP Paribas

NTT



MapR Delivers Business Value On Multiple Dimensions

GROW REVENUE

- Mega retailer: Created \$1B more revenue
- Schwab: 30% better customer engagement
- 9 Entertainment: better forecasts through ML
- REWE: Better customer engagement

GO FASTER

- NTT: Processes 2x more volume
- Paysafe: Sped up processing time from 12hrs to 30s
- Qualcomm: 92% faster processing
- Cisco: 40x more message throughput

REDUCE COST

- Indian Government: \$10B in avoided fraud
- United Healthcare: Saves \$150K/day
- F100 Bank: 46x savings of \$2.7M/yr

REDUCE RISK

- Security service providers: Apply data science to security & advanced evolving threats
- Major banks: Avoid compliance fines in banking
- India: Operate largest biometric DBMS



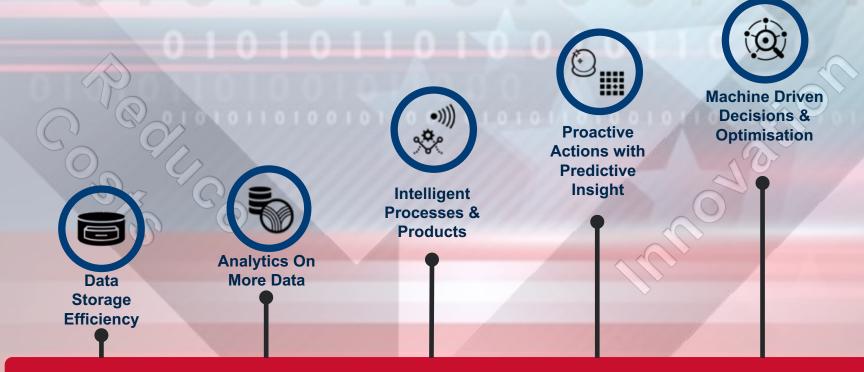
Big Data use cases

ADVERTISING, MEDIA & ENTERTAINMENT	FINANCIAL SERVICES	GOVERNMENT	HEALTHCARE & LIFE SCIENCES
 Personalized recommendations Enhanced game player engagement 	Fraud detectionCredit risk assessment360 customer service	 Cybersecurity, intelligence Crime prediction and prevention Defense, national security 	 Personalized treatment planning Assisted diagnosis Monitor patient vital signs
MANUFACTURING	OIL & GAS	RETAIL	TELECOM
Preventative maintenanceMonitoring product quality	 New oil prospect identification Equipment maintenance 	 Up-sell/cross-sell recommendations Dynamic pricing across multiple channels 	Customer churn analysisRecommendationsNetwork

MapR Customers Have 5x The Success Rate For Going Into Production

- A data platform, not components
- Runs Hadoop, Spark, AI, ML on the same cluster
- Enterprise grade reliability built in
- HA, DR, data protection built-in
- Common platform wide security model
- POSIX & NFS easily integrate enterprise apps

MapR Enabling Data-Driven Business Transformation



MapR Converged Data Platform



Harvard Business Review

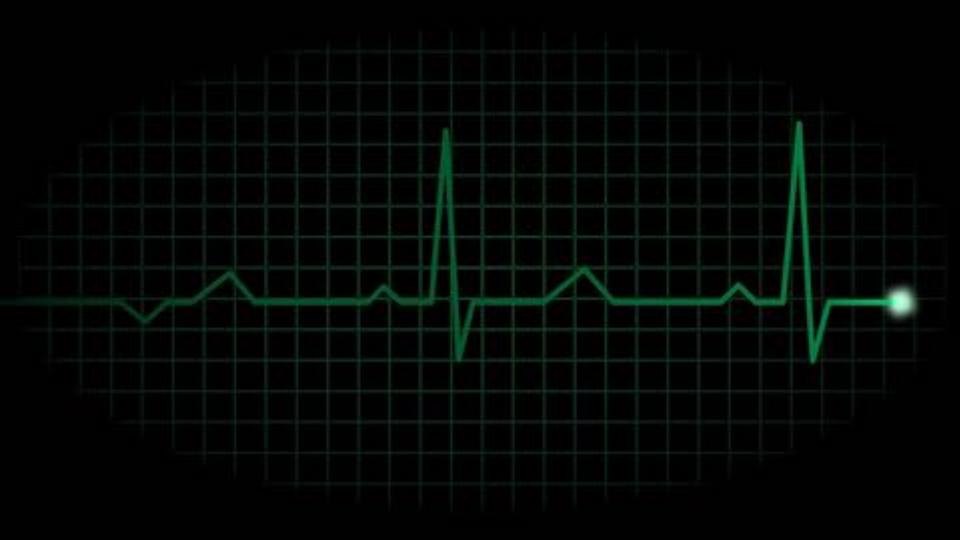
What's your data strategy? May-June 2017 Leandro DalleMule & Thomas H. Davenport The 'plumbing' aspects of data management may not be as sexy as the predictive models and colorful dashboards they produce, but they're vital to high performance.

As such, they're not just the concerns of the CIO and the CDO; ensuring smart data management is the responsibility of all C-suite executives, starting with the CEO.



Importance Of Data Flows

- Data from business as it happens
- Existing applications & business processes
- New data flows from 'things' or 'products'
- Internal & external data



Data Flows Start With One 'Business Event' At A Time



"time": "6:01.103", "event": "RETWEET",

"location":

"lat": 40.712784, "lon": -74.005941



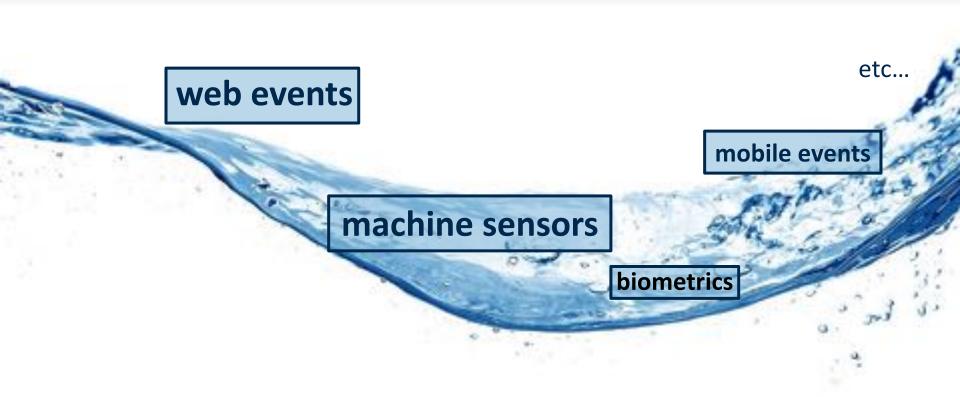
"time: "5:04.120", "severity": "CRITICAL", "msg": "Service down"



"card_num" : 1234, "merchant"

: "Apple", "amount" : 50

Data Flows Are Key To Impact Business While It Is Happening







Transforming the Online Digital Shopping Experience



Real-time Integrated Pub/Sub Streams to capture

- Stocking changes
- Orders
- Cancellations from various systems
- Process events in real-time for latest stock availability

Critical consistent SLAs for stock availability checks

• < 50 ms at any Large Scale

Global Multi-Master replication for serving users across the world **NO downtime**

Lower TCO: Migrate from expensive RDBMS (DB2)

Modernize online digital shopping experiences for customers through robust acquisition, processing and serving data to customers in real-time while reducing costs

Real-Time Metrics & Predictive Maintenance







300B Data Points Daily

- ✓ Industry 4.0 transformation ML for Predictive Maintenance
- √ 200K sensors, giving real-time access to refinery process data
- ✓ Increasing data collection frequency from 30s to 1s

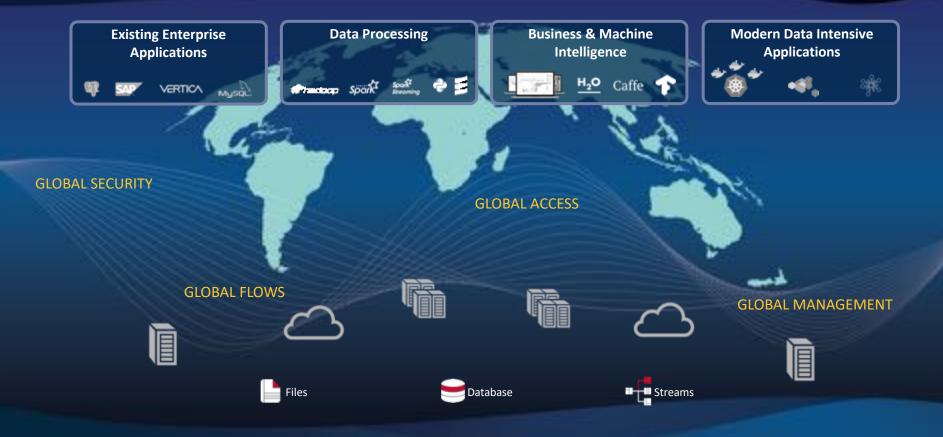




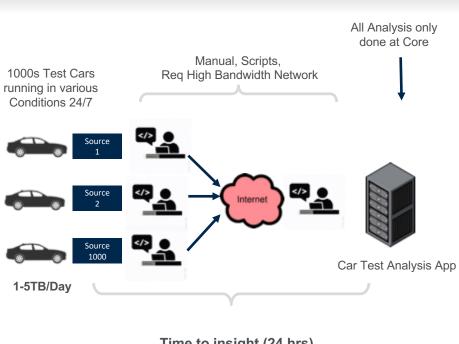
Leverage an emerging data fabric

- Network Effect diversity of applications & analytics on a common data platform
- Supports both data-in-motion and data-atrest
- Stretches from the edge to the cloud

Global Data Fabric – The Common Data Platform

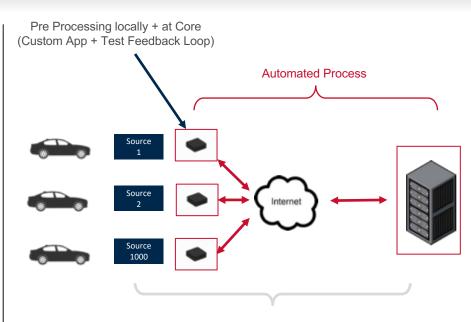


Use Case: Test & Dev New Cars



Time to insight (24 hrs)

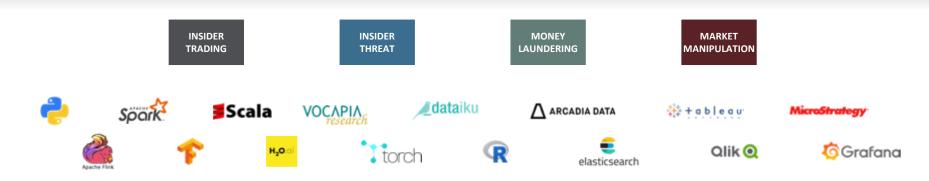
Before Data Fabric

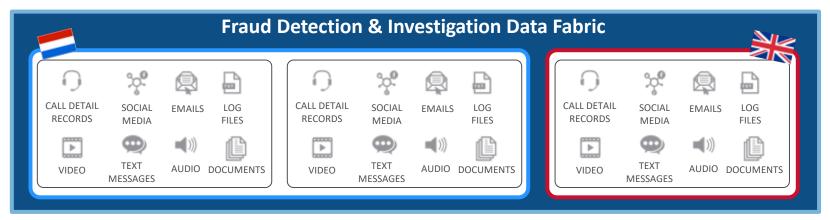


Time to insight (< min)

After Data Fabric

Use Case: Fraud Detection & Investigation





Integrate Analytics Into Operations

- Make adjustments faster than your competitors
- Move from batch to real-time analytics & applications
- Need for mission-critical data flows



Migrate Big Data Infrastructure @ Scale





250B Recommend'n/Mth

- ✓ Game sometimes changes, when systems are put in production
- ✓ Performance & stability needed to meet business SLAs
- ✓ Agility for researchers or algorithm developers to introduce something new



Transforming Society @ Scale





- Over 1B entrants to date, 40+ TB
- 1M registrations (trillions of matches)/day
- 100M+ authentications/day
- 20ms response time from the MapR cluster





20 BILLION BIOMETRICS





