

# Big Data – Challenge or Opportunity

Proven technology provides a roadmap for healthcare

“Harnessing big data across five dimensions of health care could yield nearly one-half trillion dollars’ worth of value” ... **McKinsey & Company** - *The ‘big data’ revolution in healthcare.*

## Robust & Proven Enterprise Wide Data Management Solutions

# MAHLE



25GB Data Per Hour



Granular / Hi-Res Data



Real-time Visibility



Agile and Reusable



Global Operations



Quality / Safety Improvement



Operating Efficiency



Reliable Tech Transfer

### Example of Rapid Results and Return on Investment

“GM authoring environment [Mahle solution] was deployed in November, and the dealer diagnostic system was deployed to the 4,300 U.S. Dealers on 12/12/10, achieving a \$2B cost reduction over 3 years.”

Steven Hill, NA VP General Motors ... *[delivering GM's All Star Performance Award]*

>100M

Applications

30+

OEM Customers

17+

Years Refinement

35+

Language Support



Diagnostics



Warranty / Recall



Life Cycle

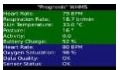


Certification / Compliance



### Providers

#### Real-Time Monitoring



40% Decrease

In emergency room visits

#### Patient Outcomes



63% Reduction

Of re-hospitalization rates from remote data analysis

#### Unserved Citizens



10M Americans

In remote or urban areas benefit from remote data



### Payers

#### Actuarial Data



3X Increase

In volume of real-time data from health sources

#### Wellness Programs



32% Improvement

In short-term sick time utilization by workforce

#### Expanding Roles



30M+

New people added to the insurance pool by PPACA



### Manufacturers

#### Adverse Events



>22% Per Year

Require significant quality and safety improvements

#### R&D Processes



50% Improvement

By using data sources and resources more efficiently

#### Regulatory Affairs



75% Reduction

In time to get certification approvals or calibration



### Regulators

#### Regulatory Science



15 Years

How far the FDA is behind other industries in IT tech

#### Regulatory Process



77% Improvement

In device submission, review, approval process

#### Device Recalls

250%



Automation will reduce time to identify and react



“Data is the new oil.” – Ann Winblad, Sr. Partner at Hummer-Winblad

Is “Big Data” a challenge



Oil Spill

or an opportunity



Oil Refinery

in your organization?

“We’ve got all these data assets. We should be getting more out of them. This strategic perspective has really changed a lot of what we’ve done in the last few years.”

Michael Cavaretta - Technical Leader, Ford Research and Advanced Engineering

[ 2013 Open Group Conference - “Big Data - The Transformation We Need to Embrace Today” ]

Learn More:

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