

Make IT Simple, Make Business Agile

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Huawei Introduction

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Analysis of X in 1 Big Data Technology

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Case Study

Worldwide Expertise

170+
Countries



16
R&D Centers

28
Joint Innovation Centers

14
Regional HQs



45
Training Centers

150,000
Employees Worldwide

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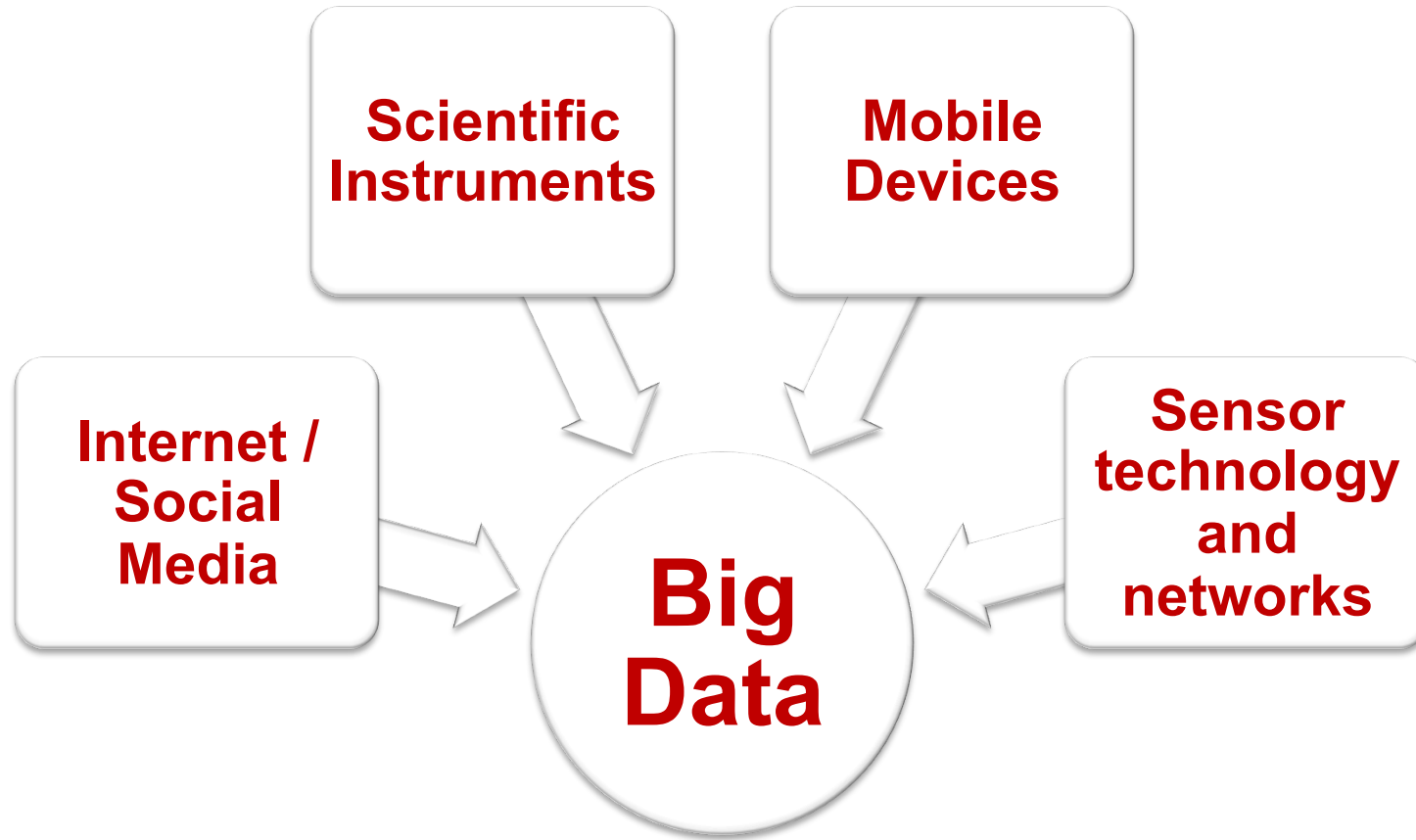
X in 1 Big Data Technology

Changing our World in Many Ways

HUAWEI ENTERPRISE ICT SOLUTIONS A BETTER WAY

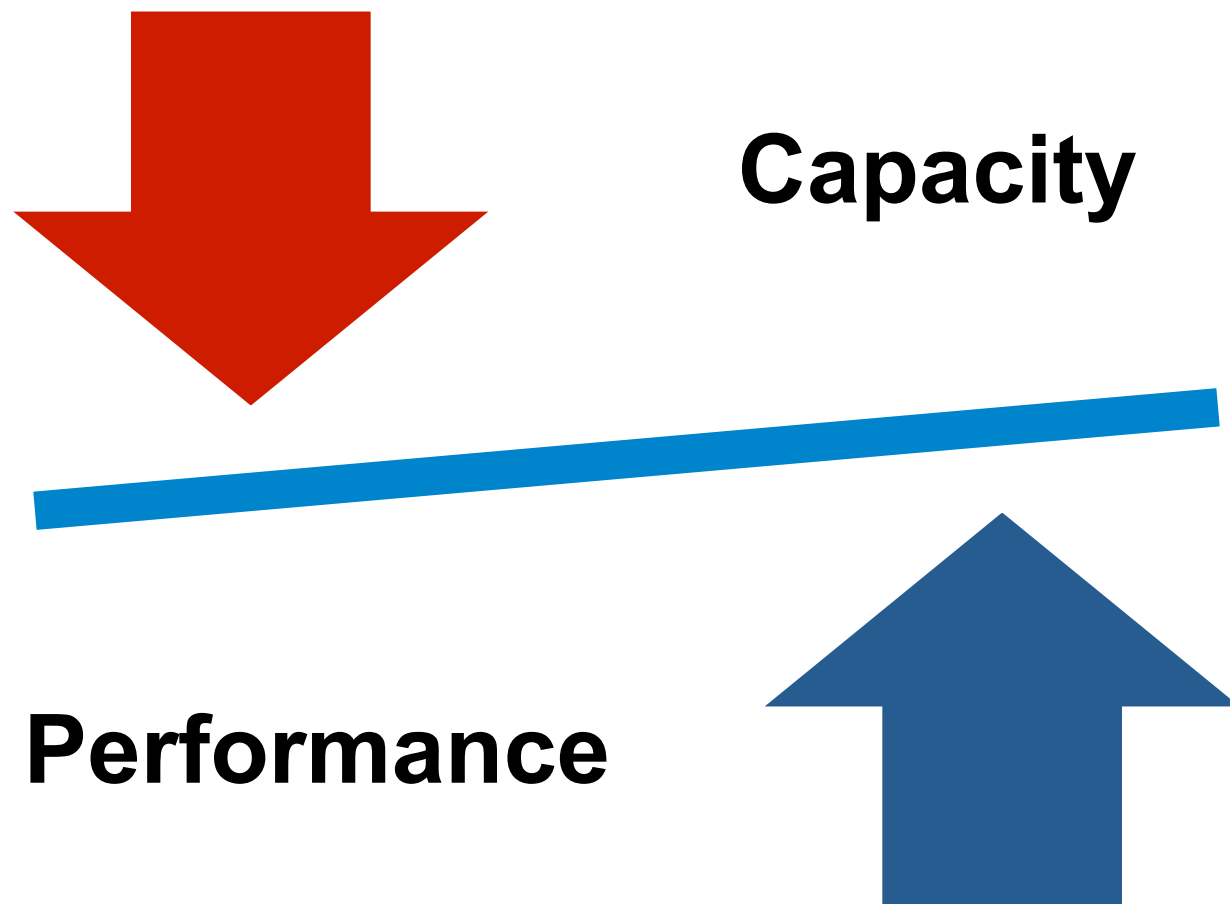


Data Volume Has Increased Exponentially

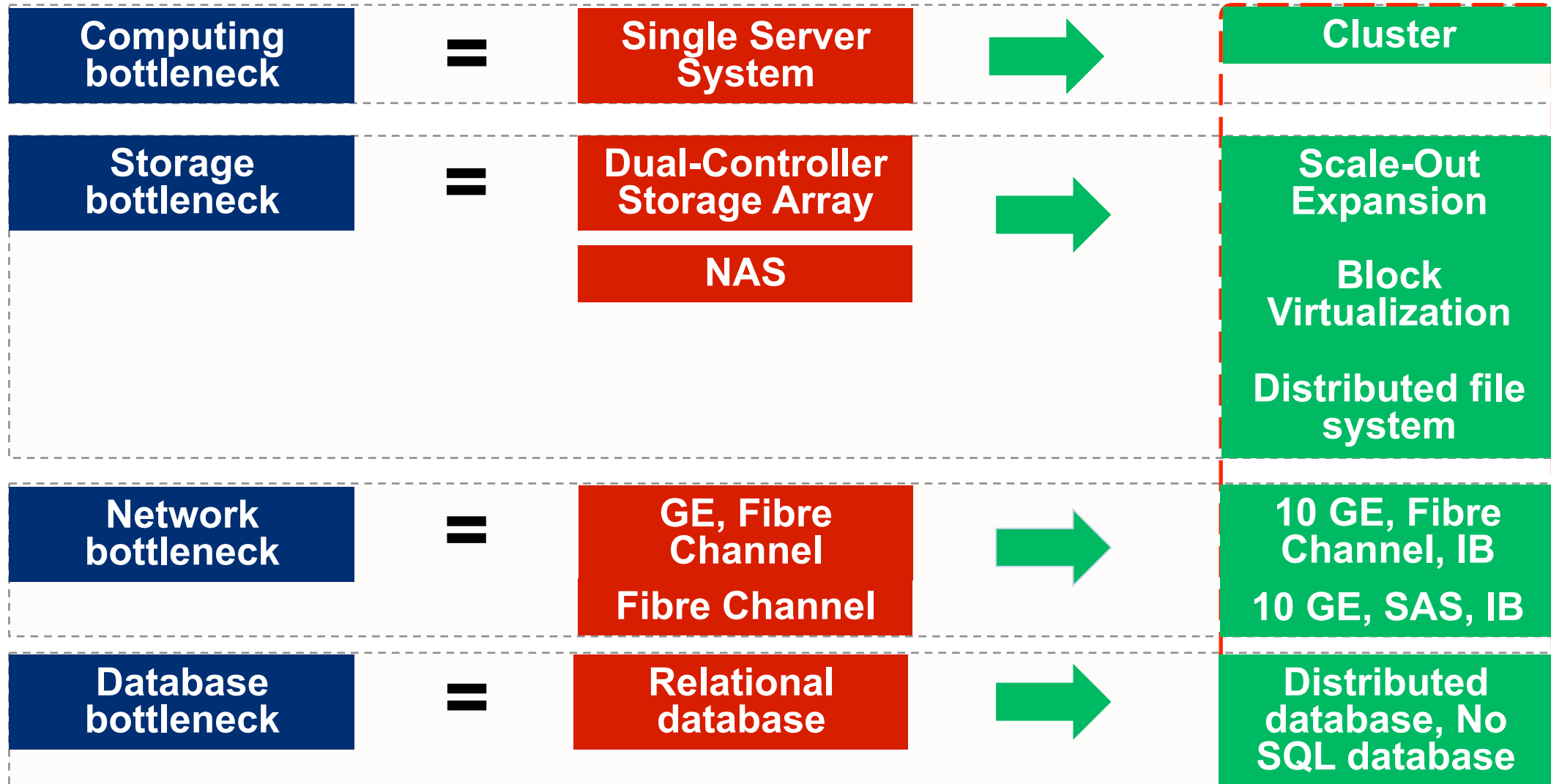


Variety
Volume
Velocity
= VALUE?

Capacity vs. Performance



Performance Bottlenecks That Must Be Resolved for Big Data



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X in 1 Big Data Technology

To Extract Value from Big Data We Need To



BIG DATA

Requires Innovation Tools, Ecosystem and Infrastructure

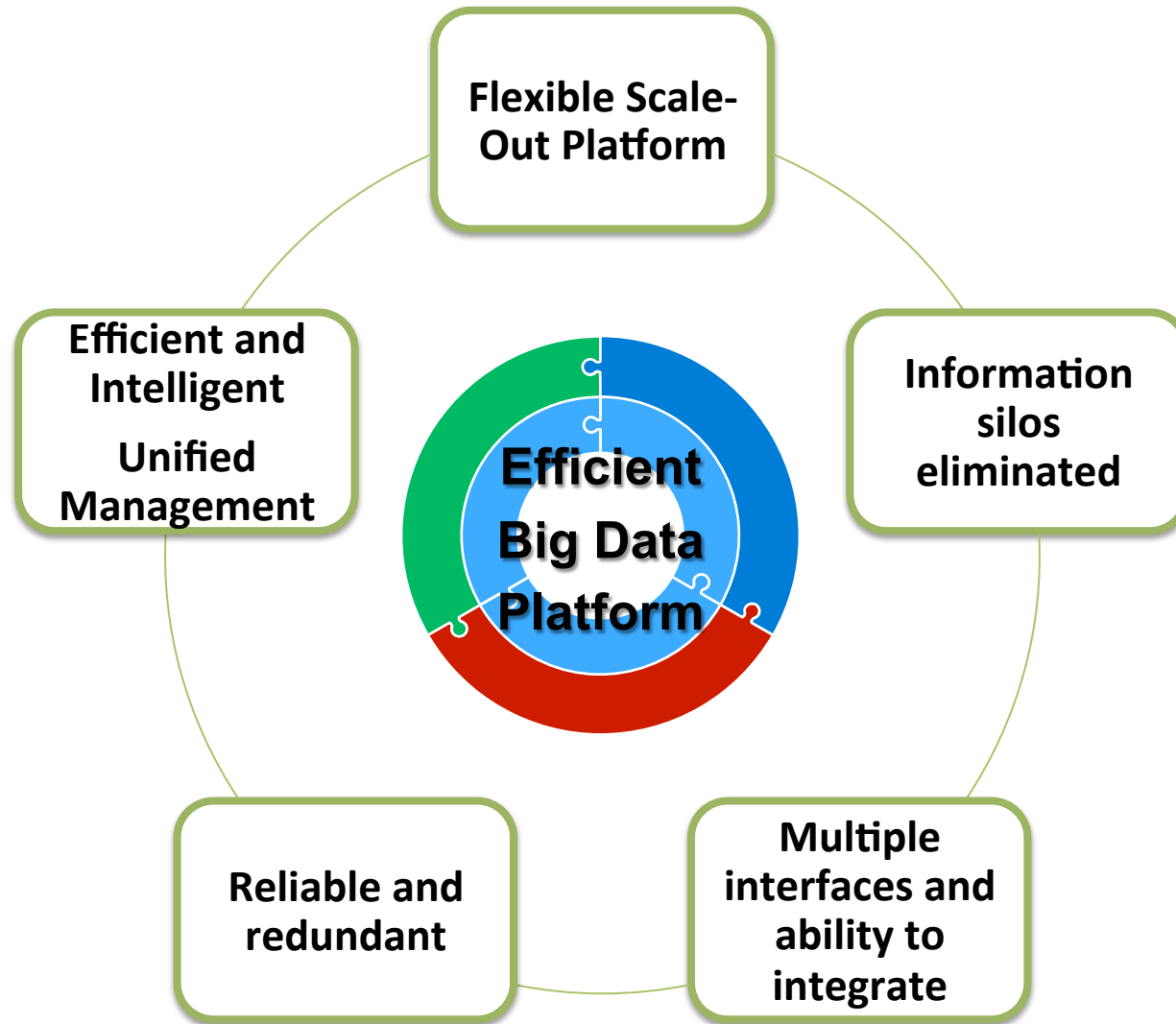


Capture

Hold & Store

Analyze

What is expected from Efficient Big Data Platform?



Big Data Infrastructure must achieve **high efficiency** besides meeting the requirements of **capacity**, **performance** and **diversity of data**

Huawei OceanStor 9000 Innovation

- Quick data import
- Support for JDBC and ODBC
- SQL 92/2003
- Data compression

Analysis

- Linear expansion from 3 to 288 nodes
- NFS/CIFS interfaces
- HDFS interface
- S3 Interface

Storage

Archive

- Single disk power off
- Data archive

Archive
Compression
Power Consumption
Data process
Support
storage
OPEX
CAPEX
new
Xin 1
Twitter
SQL
NoSQL
big-data
query
example
Column storage
backup
information
Deduplication

**Distributed architecture , Scale out NAS、 Scale out DB、 Scale out Backup, X in 1 Big Data Appliance
Structure & Unstructured data in one pool, information life cycle management, archiving**

THANK YOU

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