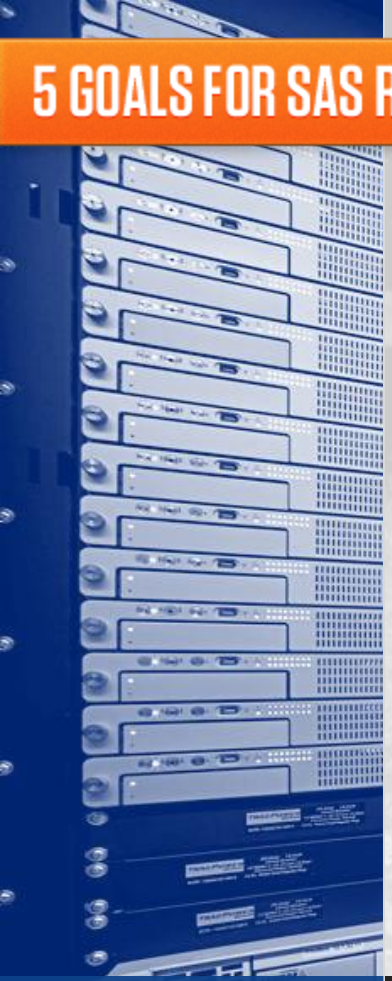
Moving beyond 9.3

Key technology drivers and related investment areas

Andreas Diggelmann, VP R&D, Planning, Operations & Strategy.

5 GOALS

5 GOALS FOR SAS R&D



01.
High-Performance Computing

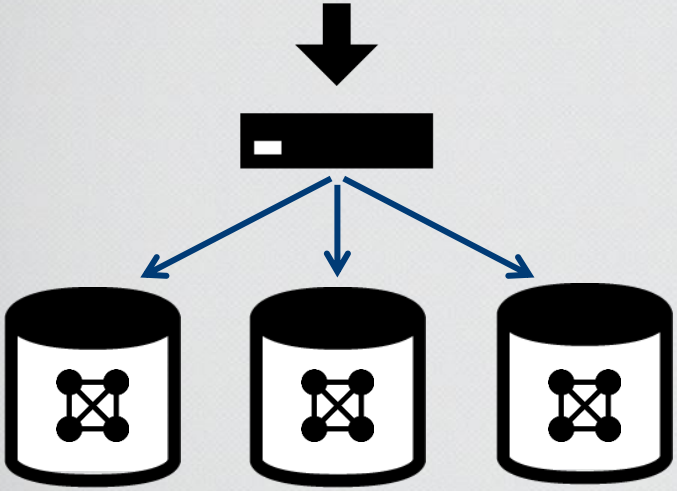
02.
Process Automation

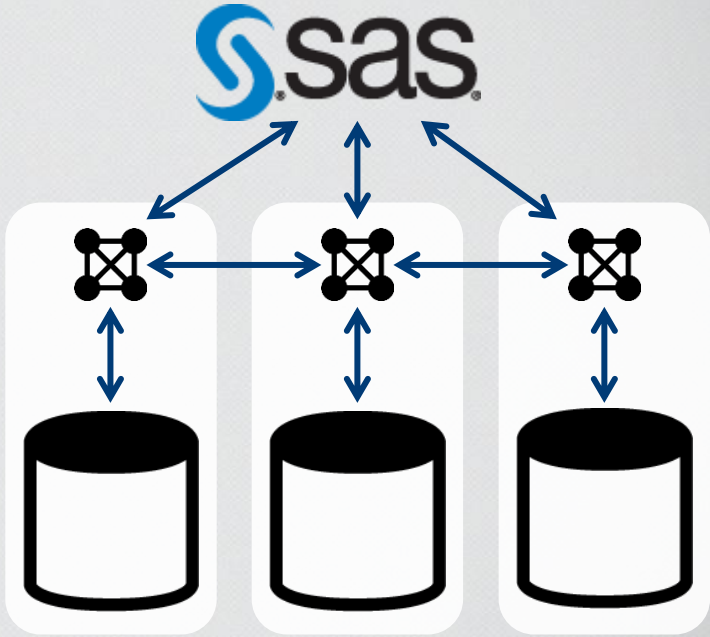
03.
Business Visualization

04.
Data Management

05.
SaaS

New Architectures

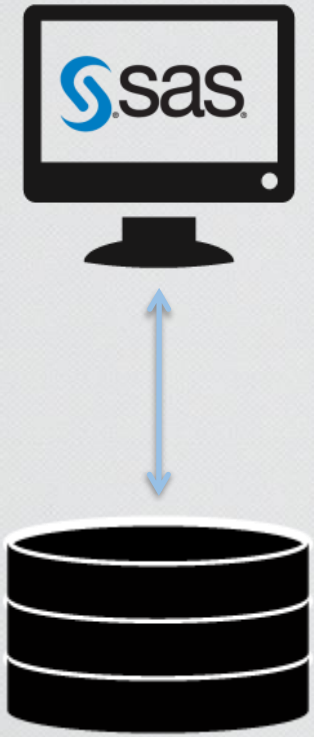




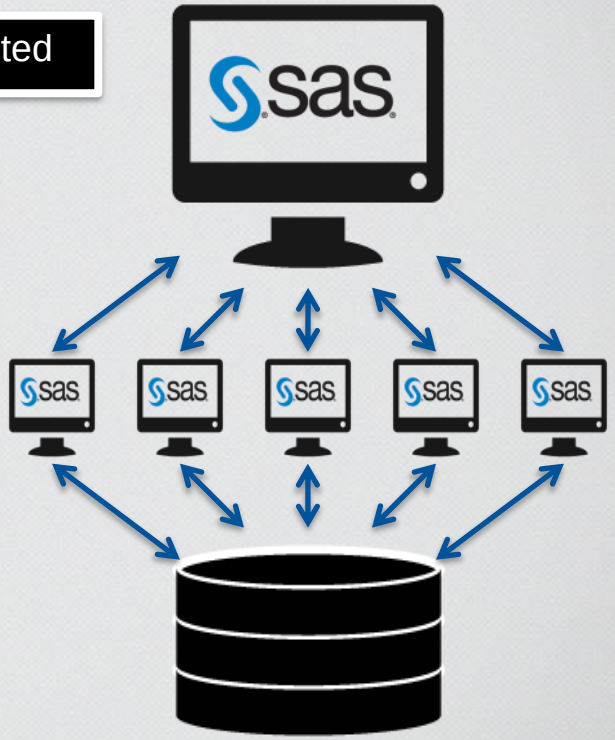
Divide and Conquer

"Shared Storage"

Traditional

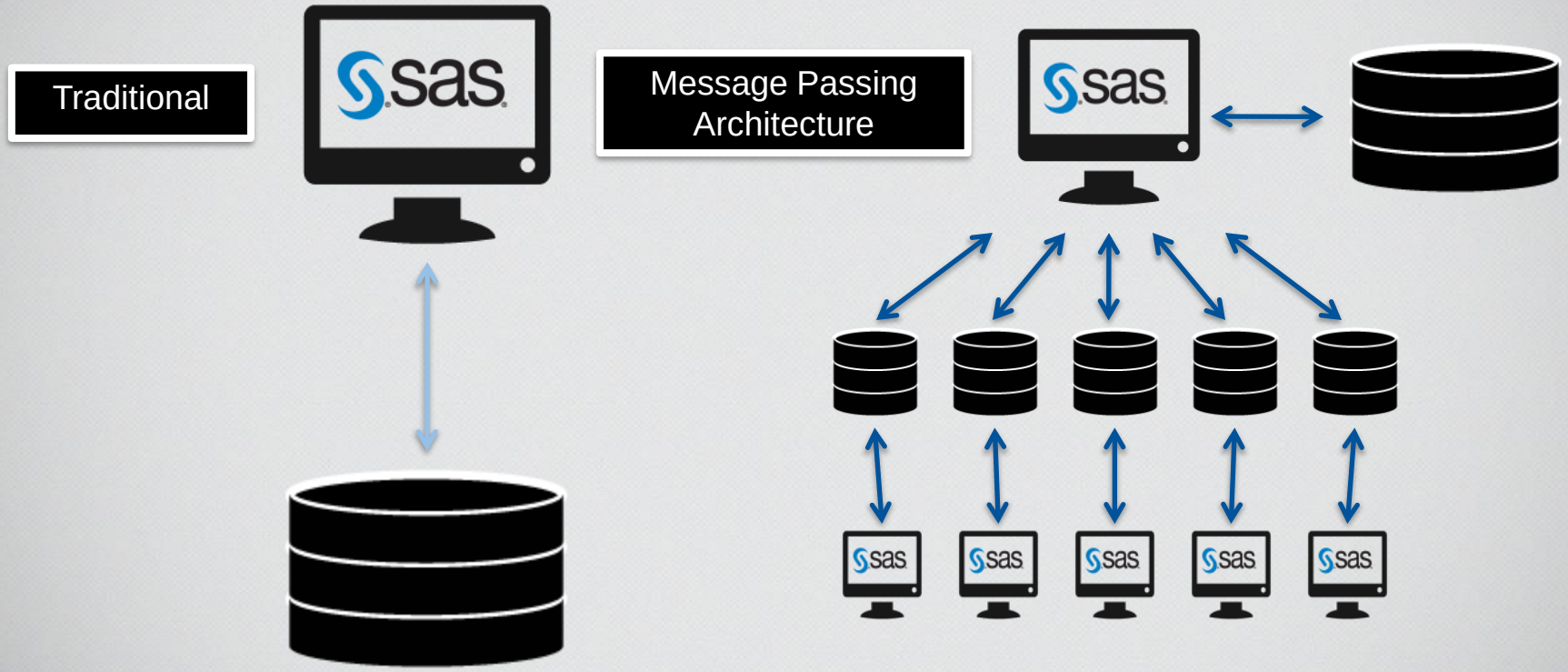


Distributed



Divide and Conquer

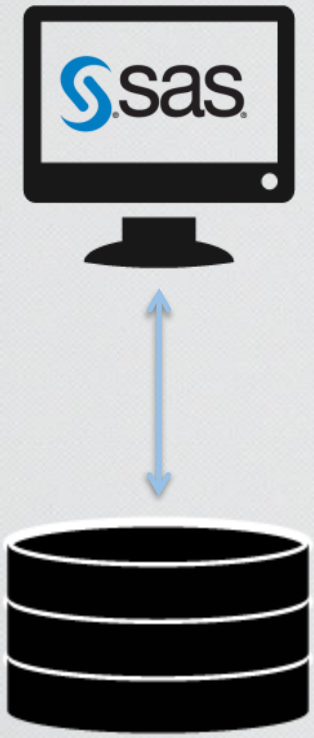
"Move Data to Compute"



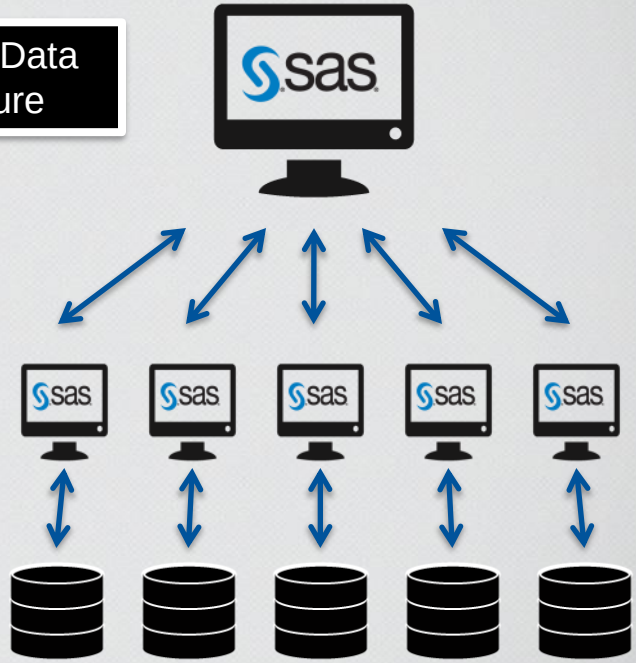
Divide and Conquer

"Move Compute to Partitioned Data"

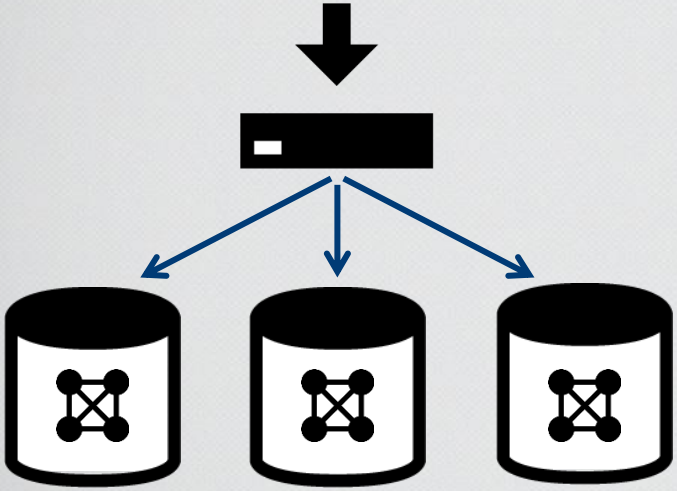
Traditional

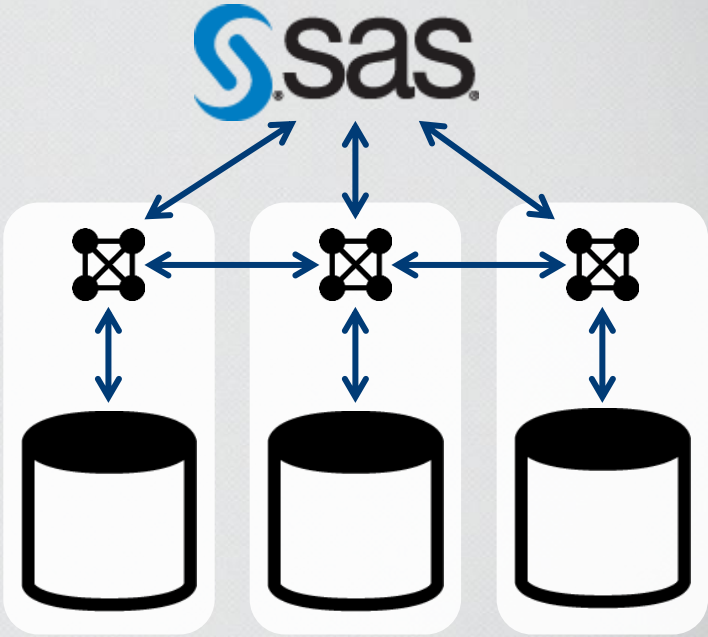


Partitioned Data Architecture



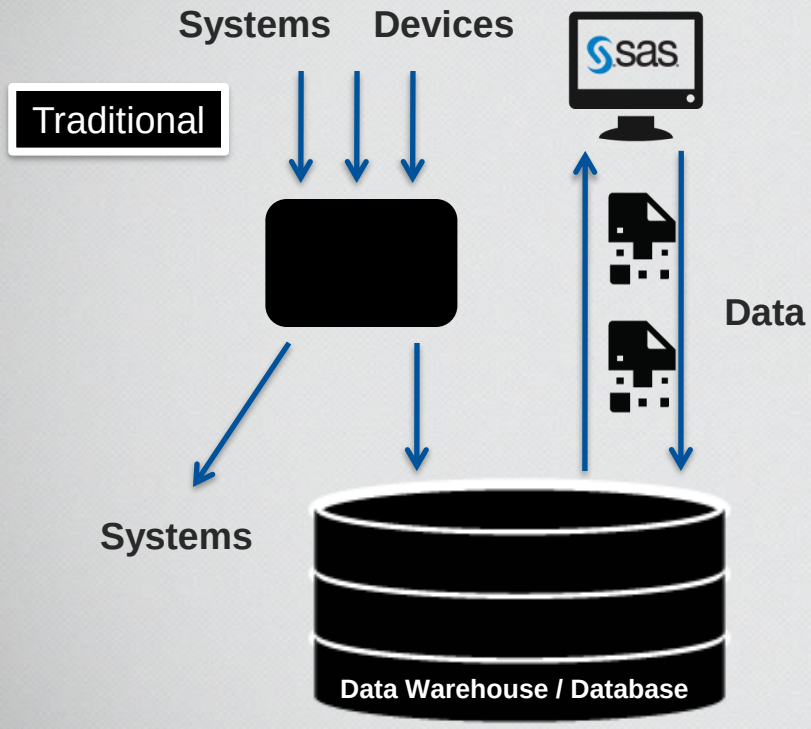
In-DB vs. Alongside-DB

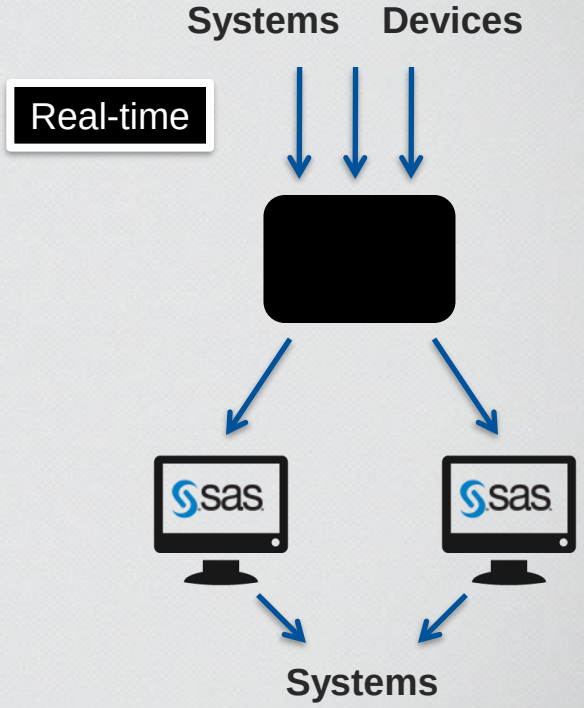




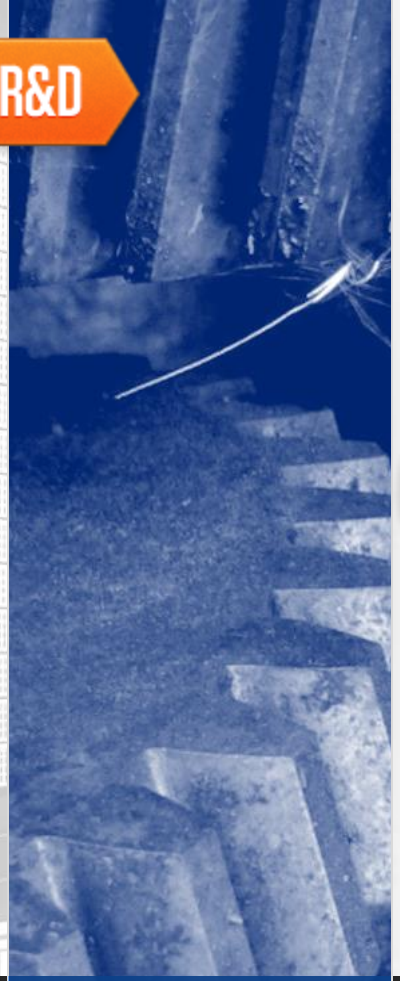
Real-Time/Streaming/CEP

"Adding Present to Past/Future"





5 GOALS FOR SAS R&D



01. High-Performance Computing

02. **Process Automation**

03. Business Visualization

04. Data Management

05. SaaS

5 GOALS FOR SAS R&D

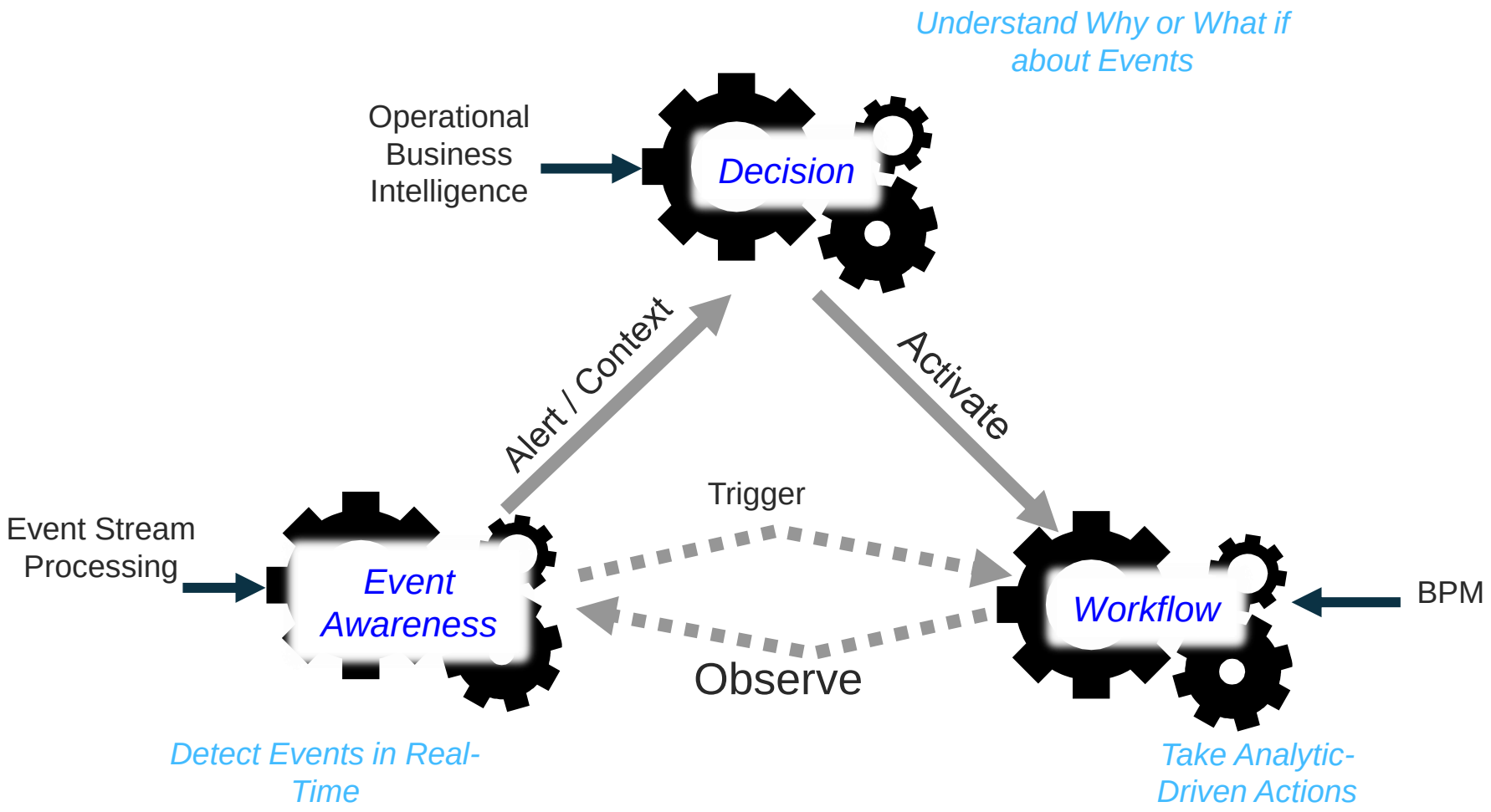
Process Automation

1. Workflow

2. Rules

3. Quality

Overview: Rules, Workflow, and Analytics



5 GOALS FOR SAS R&D

01. **High-Performance Computing**

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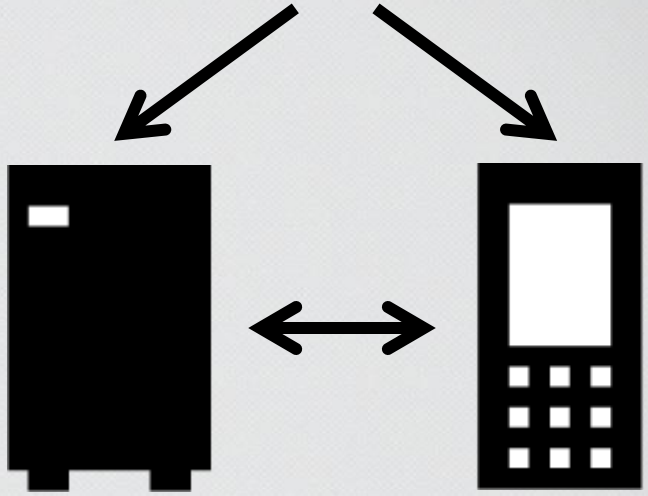
5 GOALS FOR SAS R&D

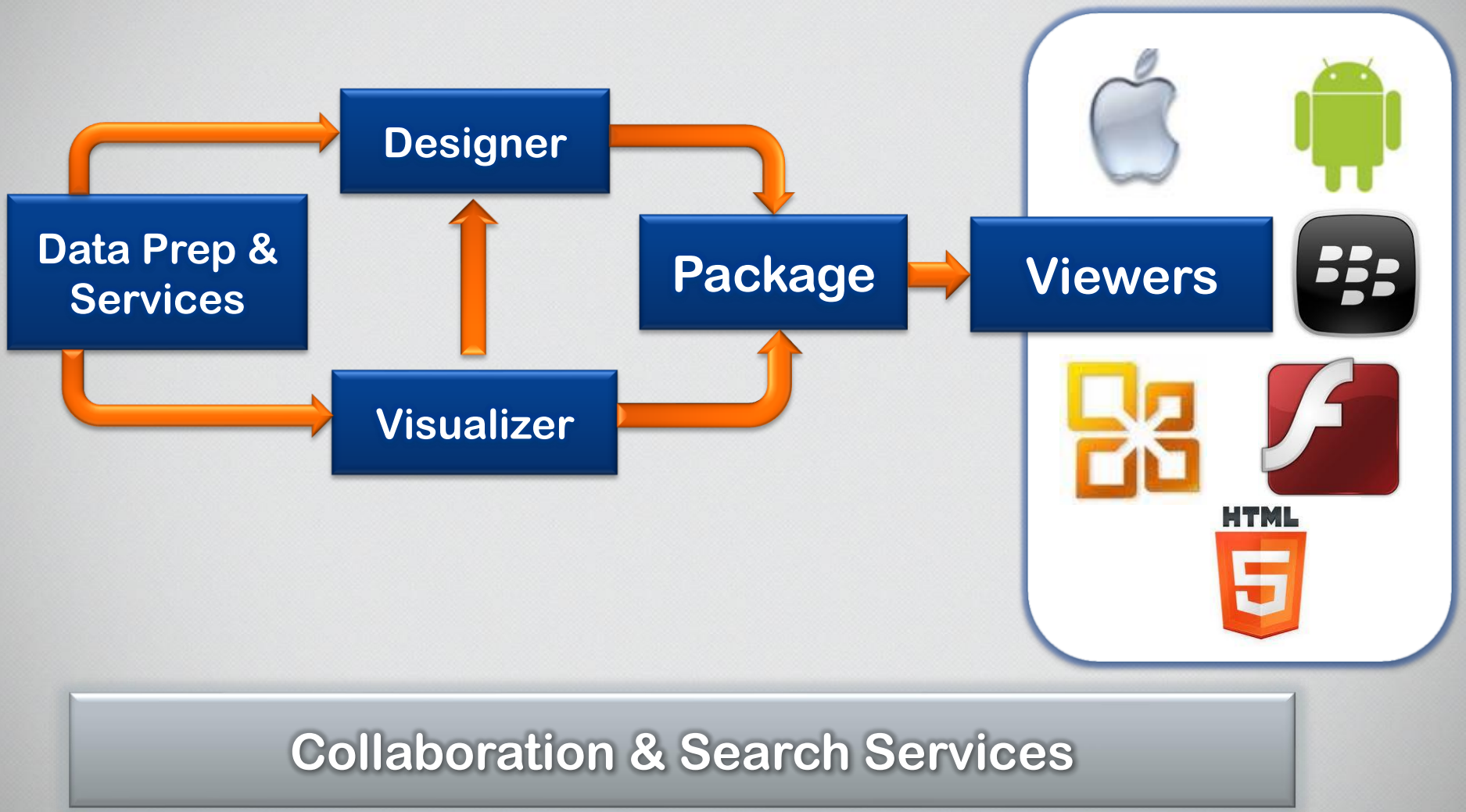
Business Visualization

1. Discovery

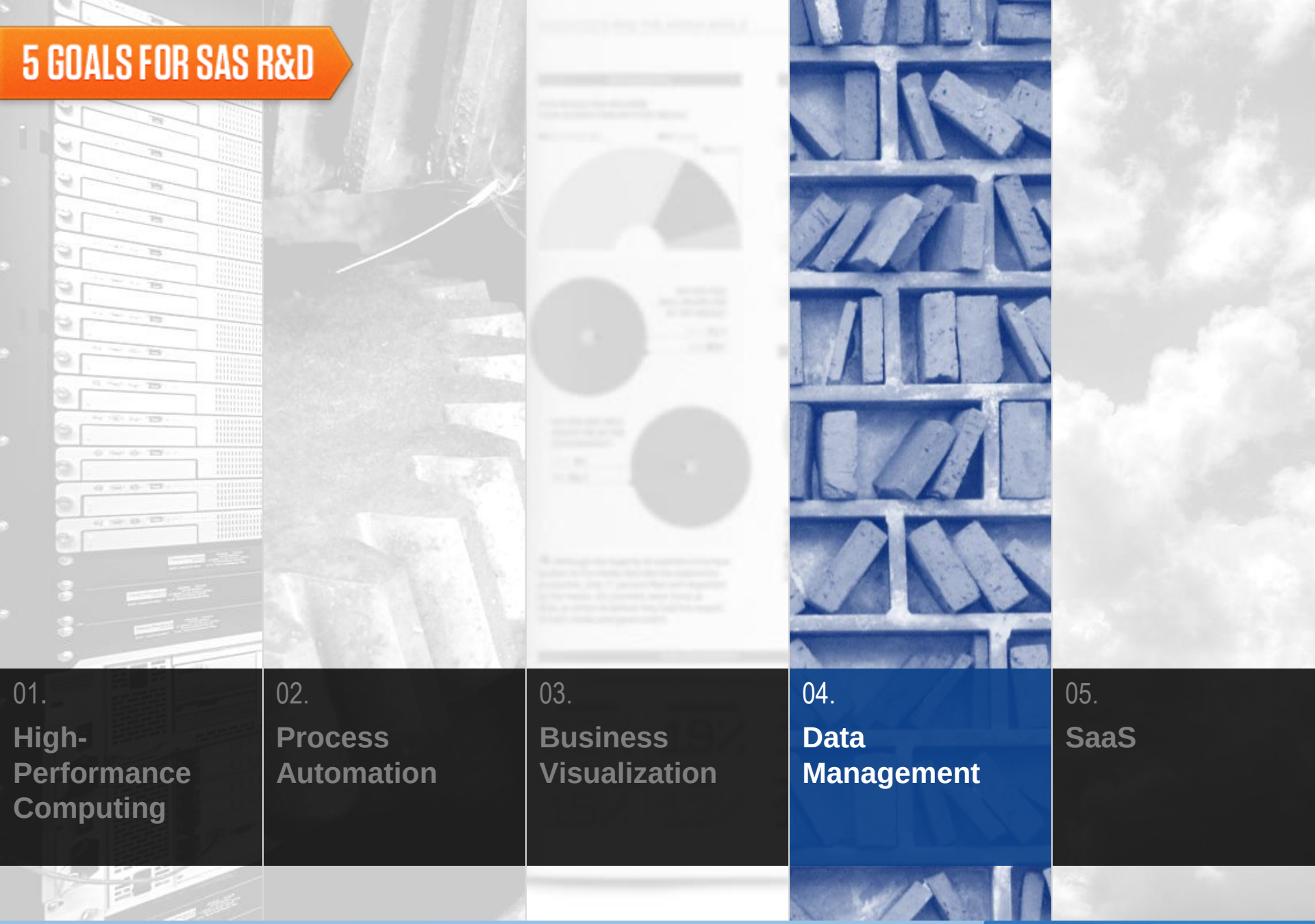


2. Delivery

Next Generation BI Framework



5 GOALS FOR SAS R&D



01. **High-Performance Computing**

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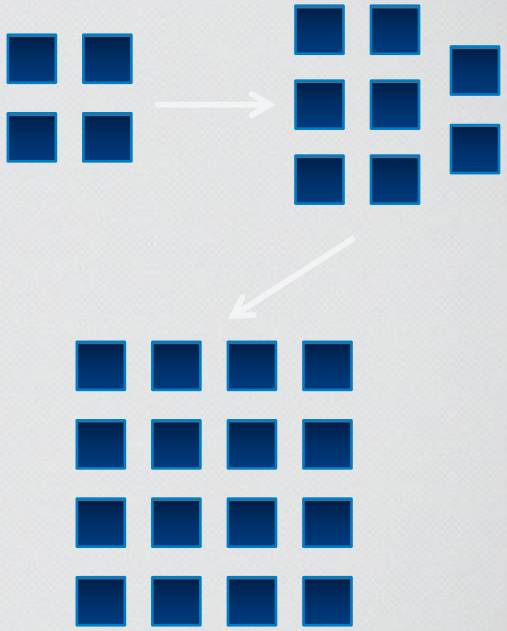
Explosion of Structured Data

2009 — 2011

Currently, tech info doubles every **2 YEARS**.

Jan 1 — Jan 8



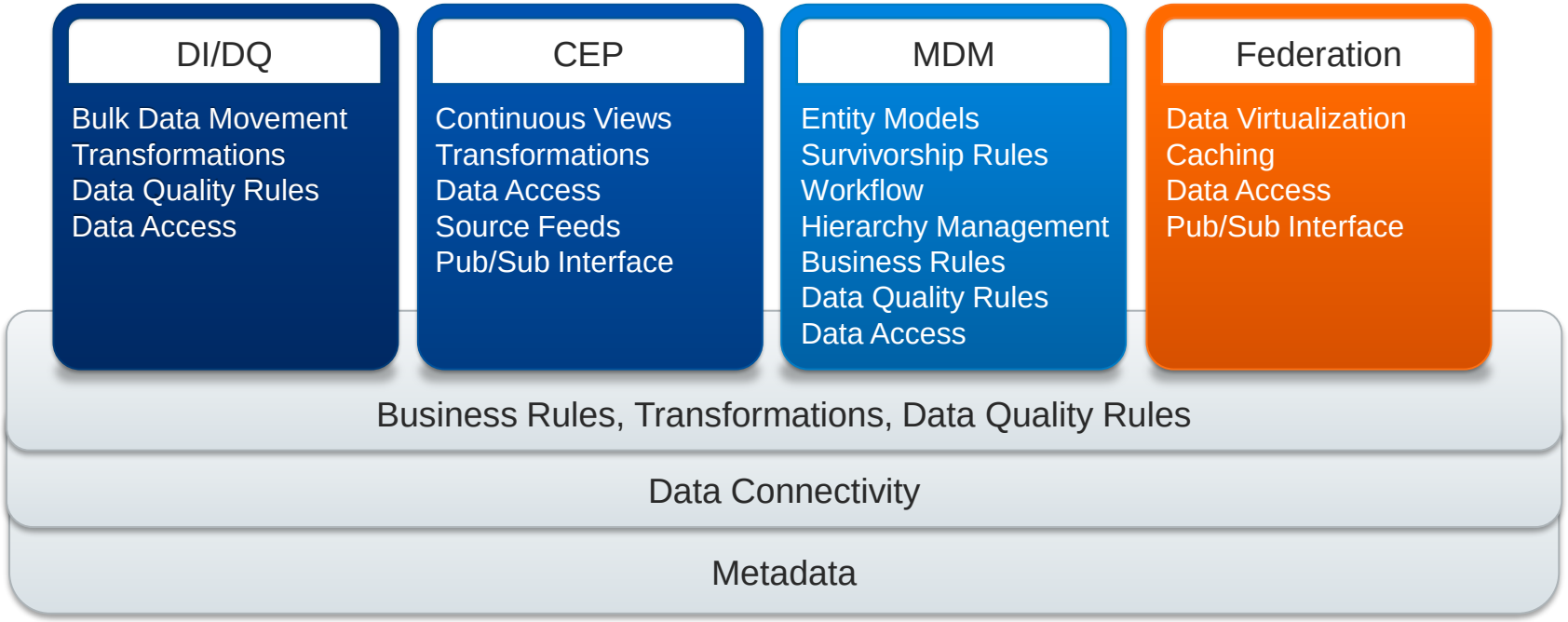
It is forecasted to double every **3 DAYS**.

5 GOALS FOR SAS R&D

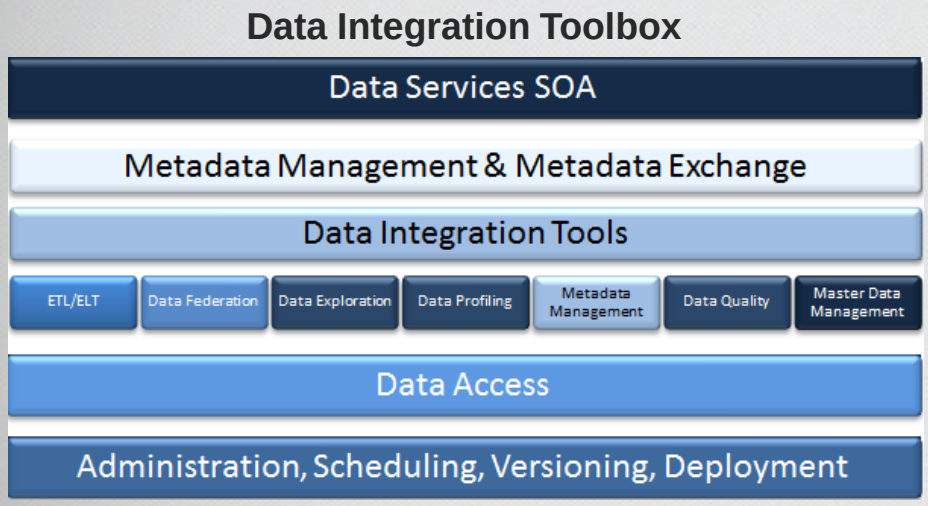
Explosion of Unstructured Data

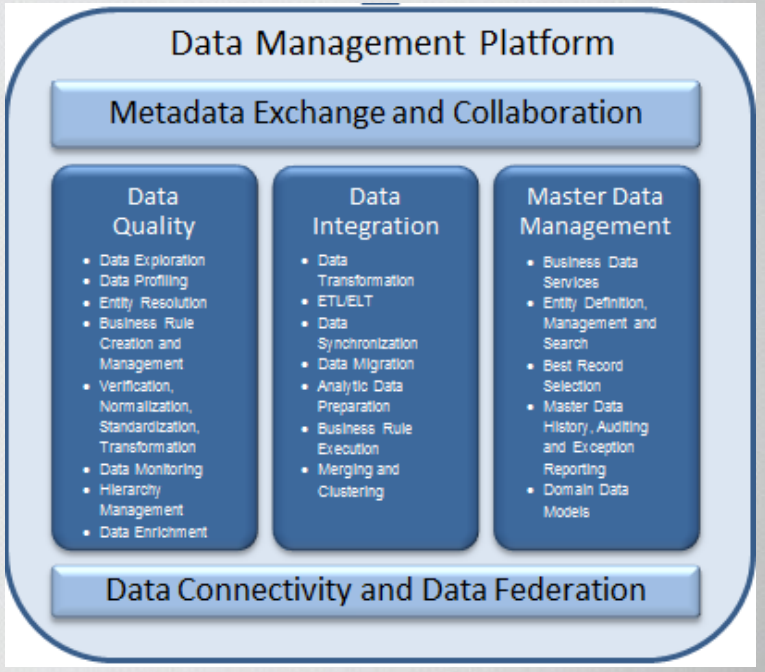
cr. Paul Butler, Facebook

Big Data & DM Architectures



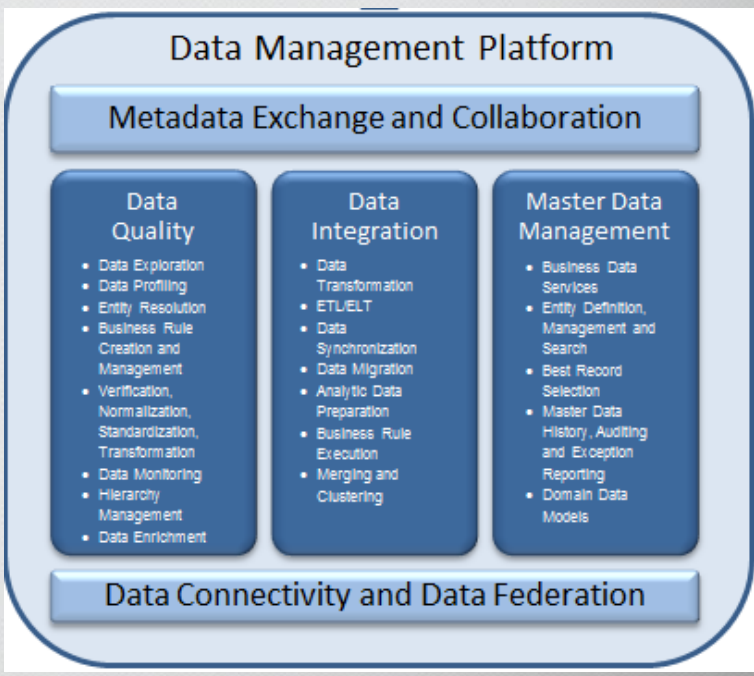
Data Management Platform





Long Term Vision

- SAS DI Studio
  - » Perceived as ‘Visionary’ technology by Analysts and Customers.
  - » Enterprise class data integration capabilities
  - » Direct access to the ‘power’ of BASE SAS
  - Moves into Data Management Platform
    - » Single environment for
      - » Data Quality
      - » Data Integration
      - » Master Data Management
    - » Workflow
      - » Parallel Processing Orchestration
      - » Conditional Execution
    - » Enhanced ELT
    - » Data Dictionary



5 GOALS FOR SAS R&D

01. **High-Performance Computing**

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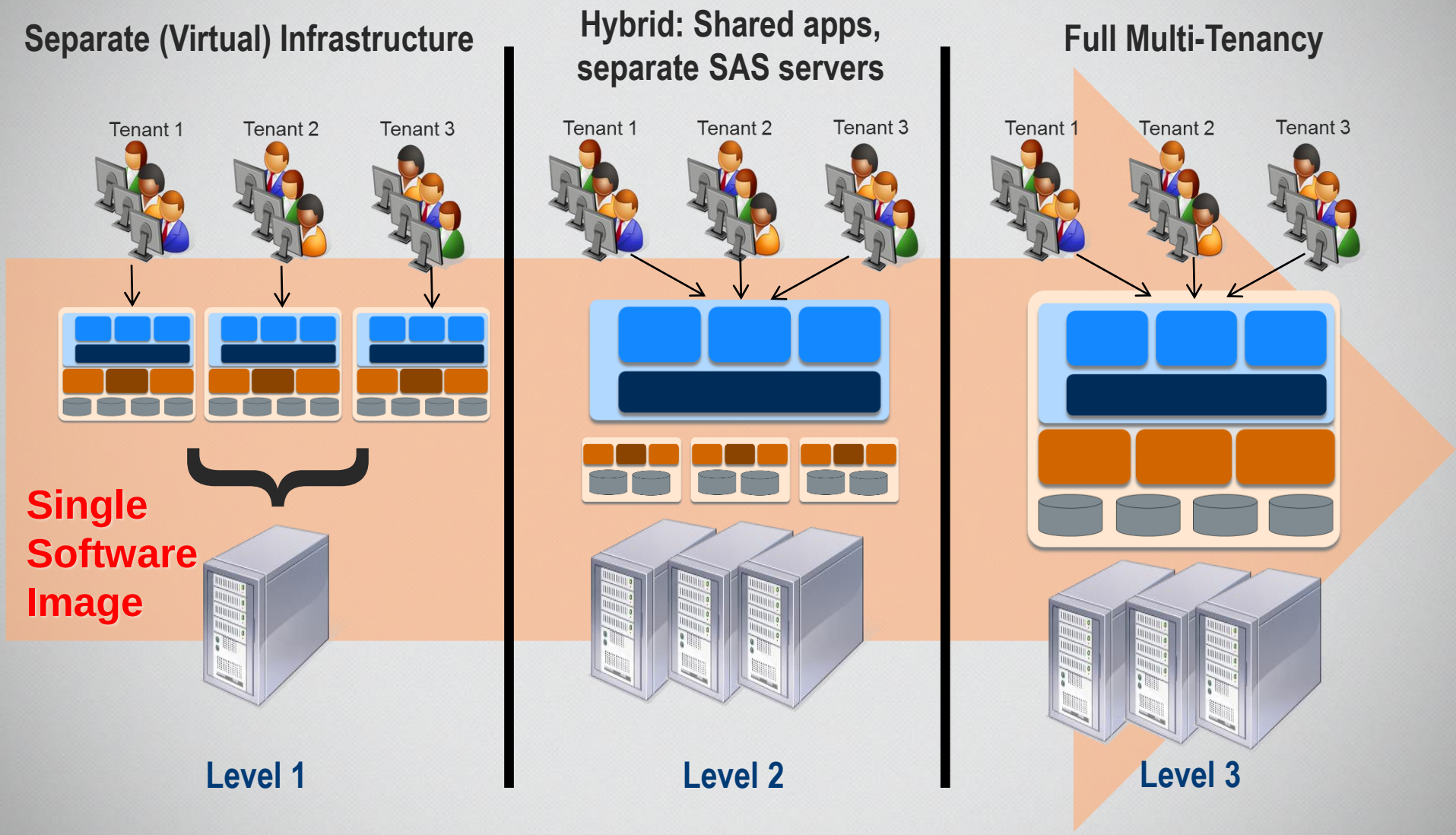
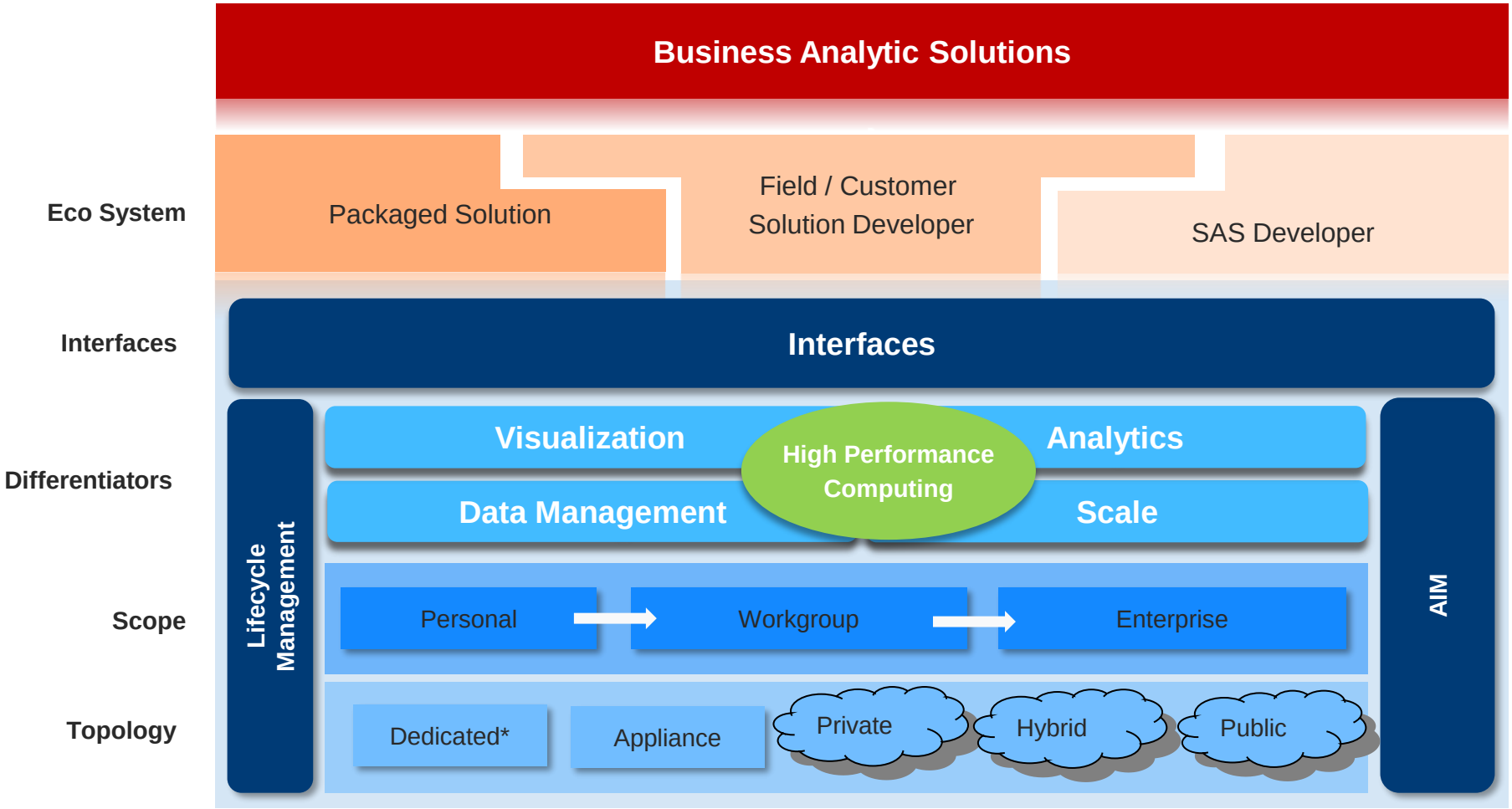
05. **PaaS / SaaS**

SaaS multi-tenancy models

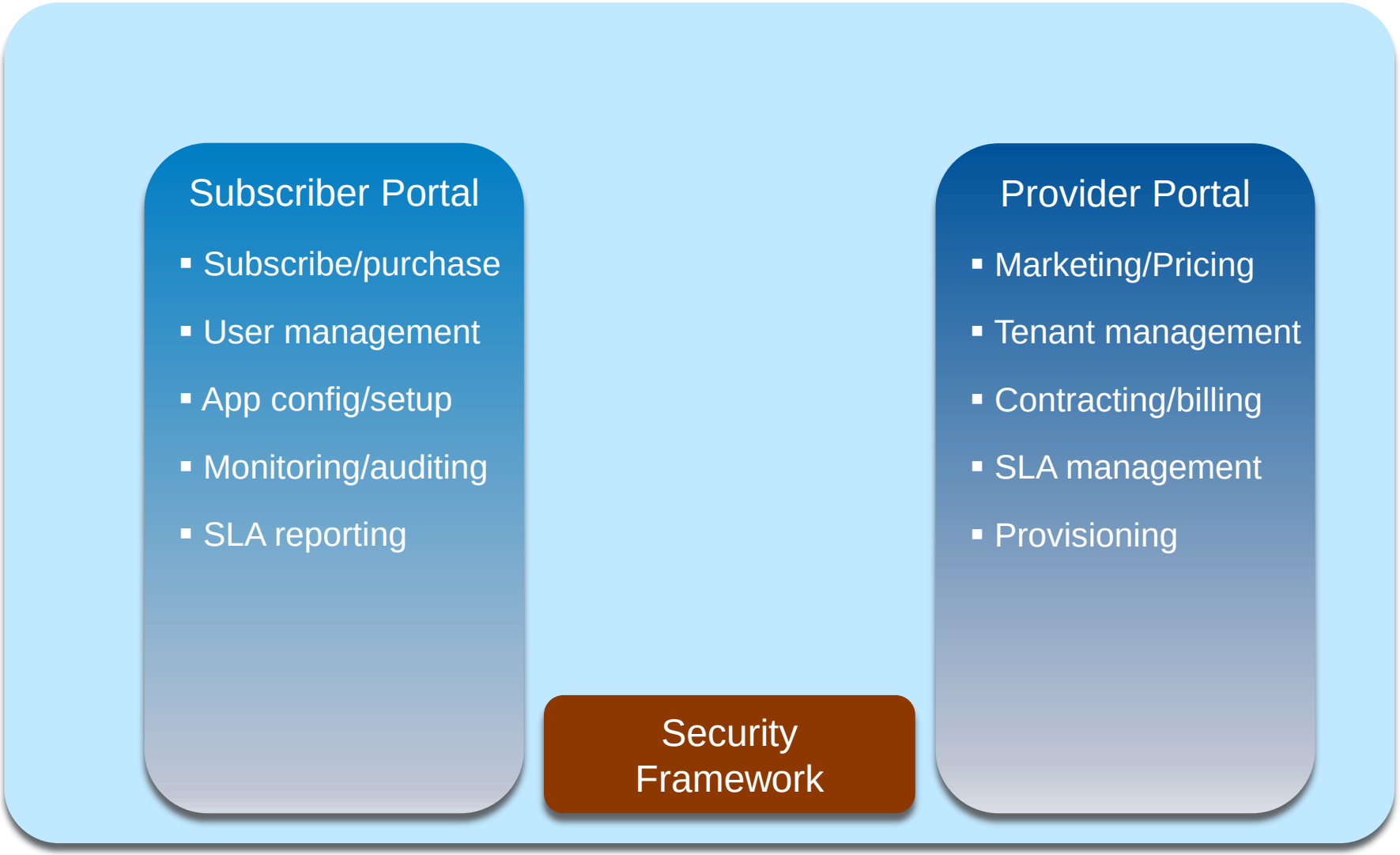


5 GOALS FOR SAS R&D

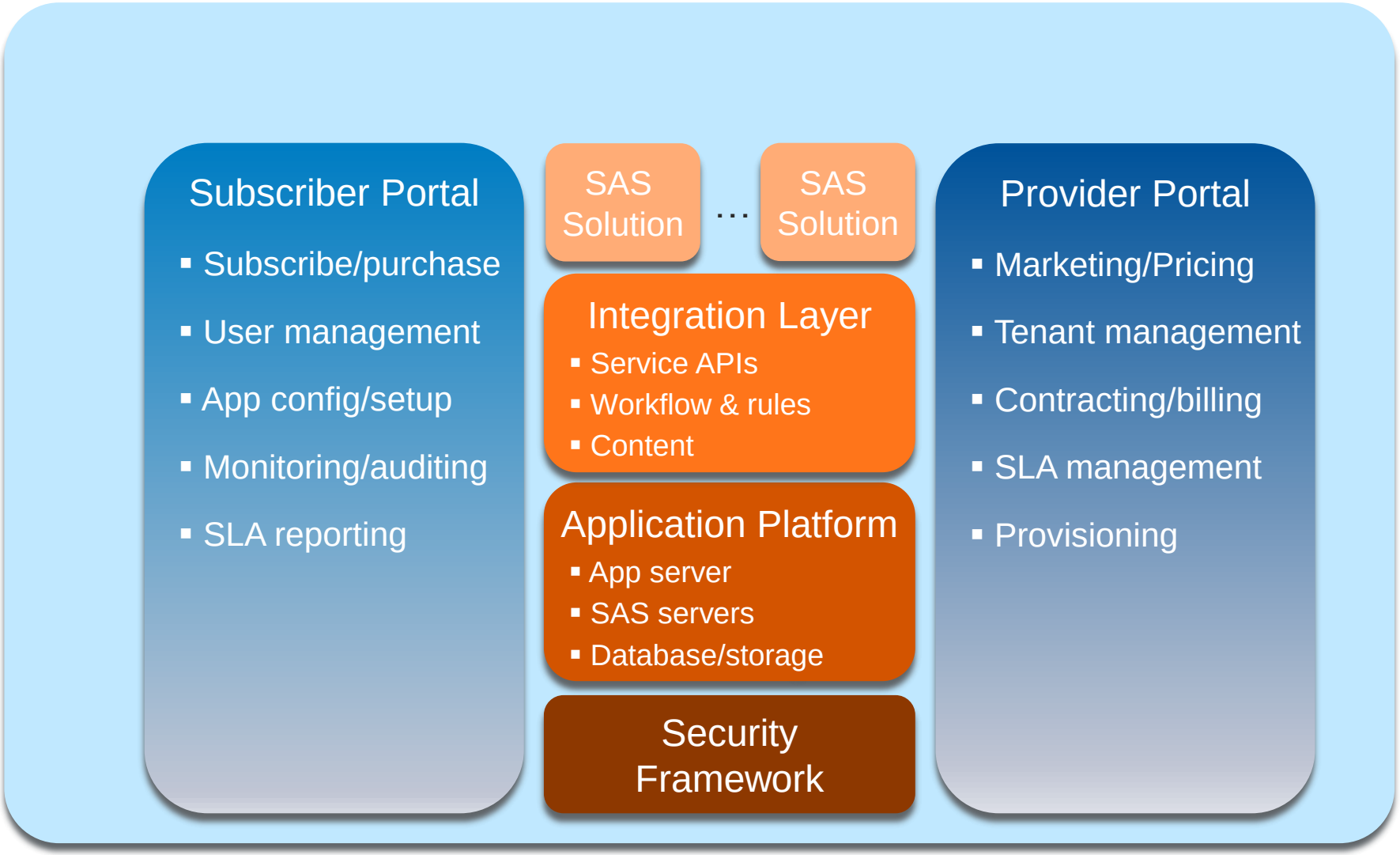
Platform as a Service



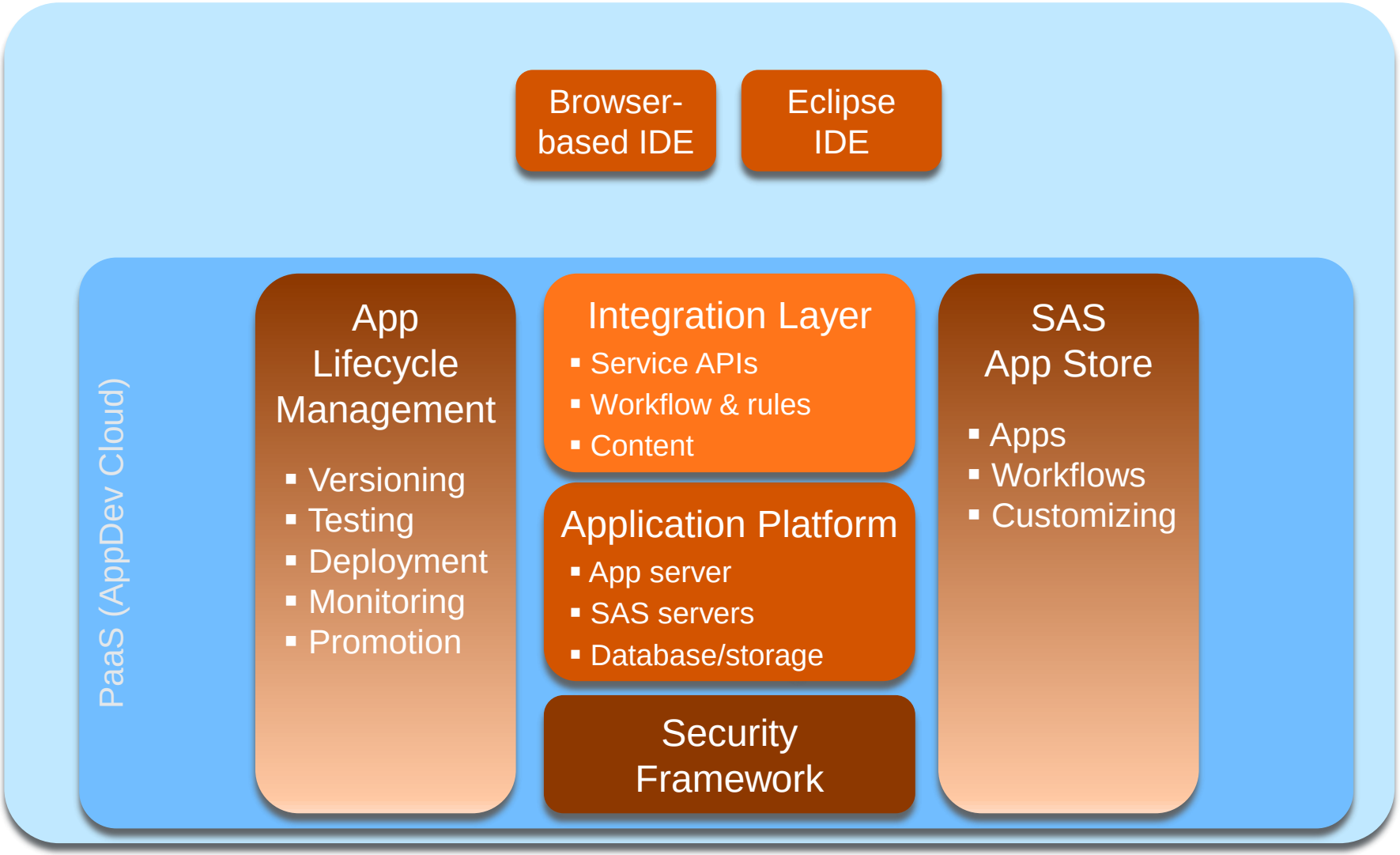
Cloud Environment



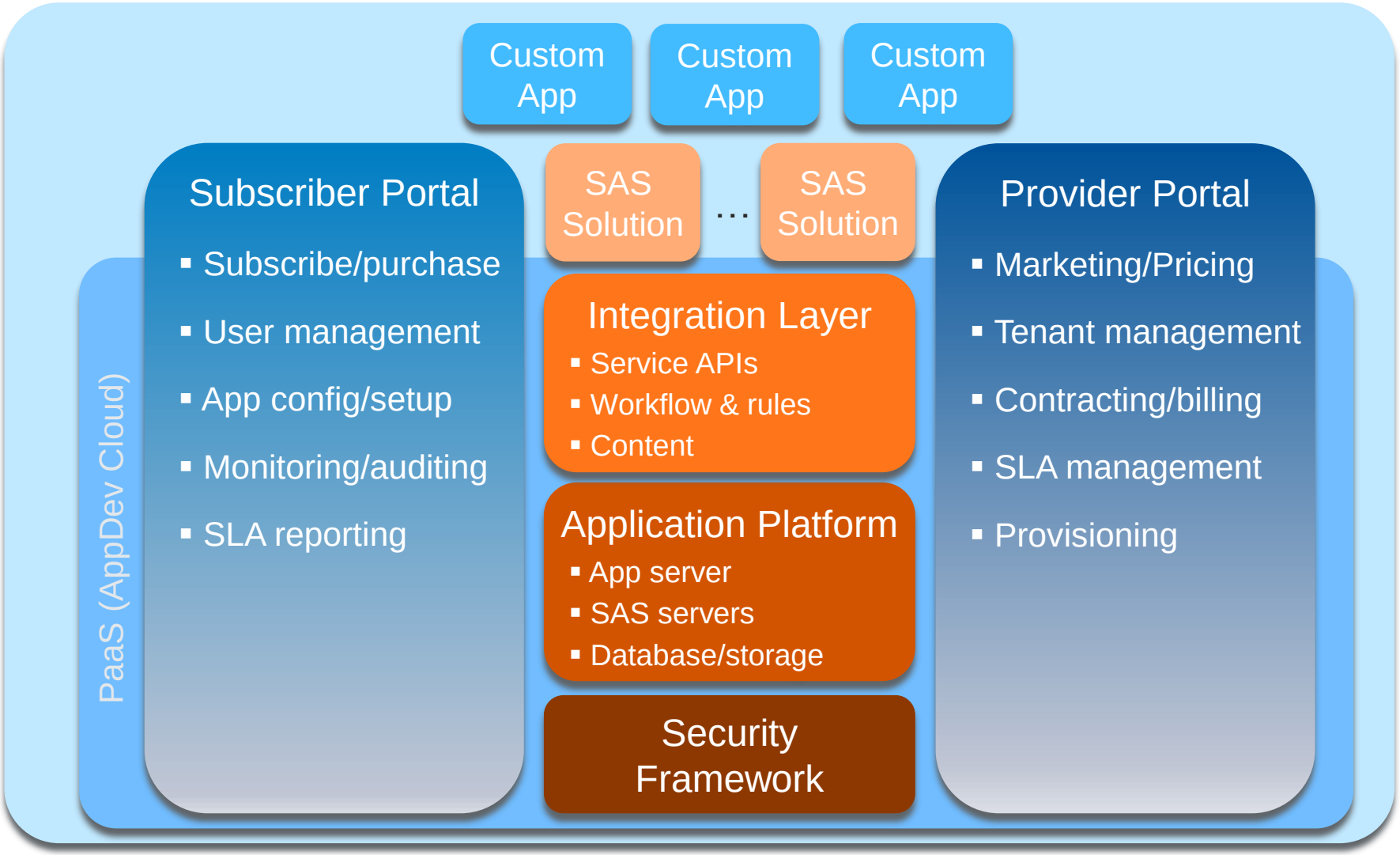
Cloud Environment + SaaS



Cloud + PaaS (AppDev Cloud)



Custom apps running on the cloud



Vielen Dank für Ihre Aufmerksamkeit.

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