Die Datenstrategie der Zukunft mit Infrastrukturlösungen von Fujitsu

30.04.2024

Sven Stollorz, Solution Architect

Data-driven Enterprises – The winner takes it all

FUJITSU

Digital winners

amazon

- Leading retailer
- Leading service provider
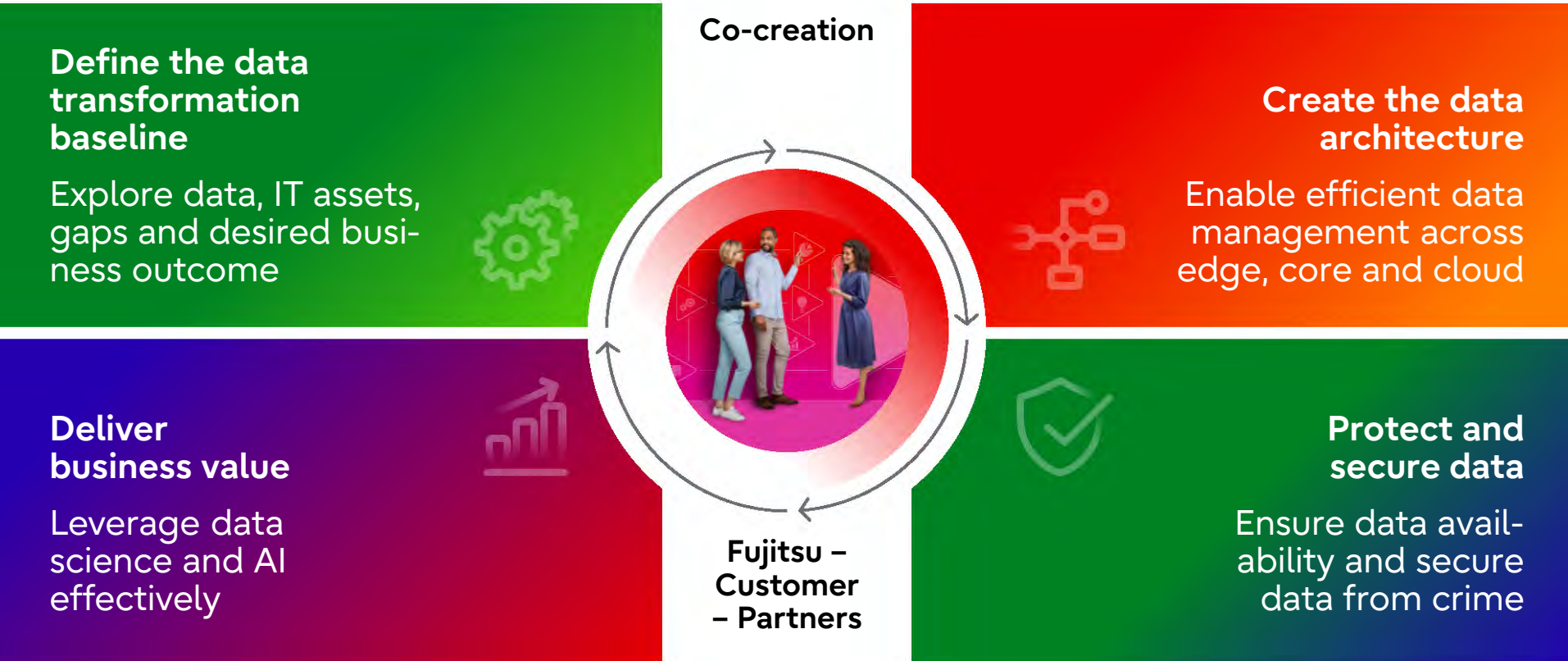- Major streaming provider
- Major logistics company

Uber   **Spotify**   **NETFLIX**

- "Taxi" platform
- Leading music provider
- Leading video provider

Digital losers

- Regional online vendors
- Book shops
- Ware-houses
- Non-food retail shops
- CD/DVD stores
- Traditional taxi business
- Video rentals
- Logistic companies

Money follows data.

4 layer methodology from data to money

Define the data transformation baseline

Explore data, IT assets, gaps and desired business outcome

Co-creation

Create the data architecture

Enable efficient data management across edge, core and cloud

Fujitsu – Customer – Partners

Deliver business value

Leverage data science and AI effectively

Protect and secure data

Ensure data availability and secure data from crime
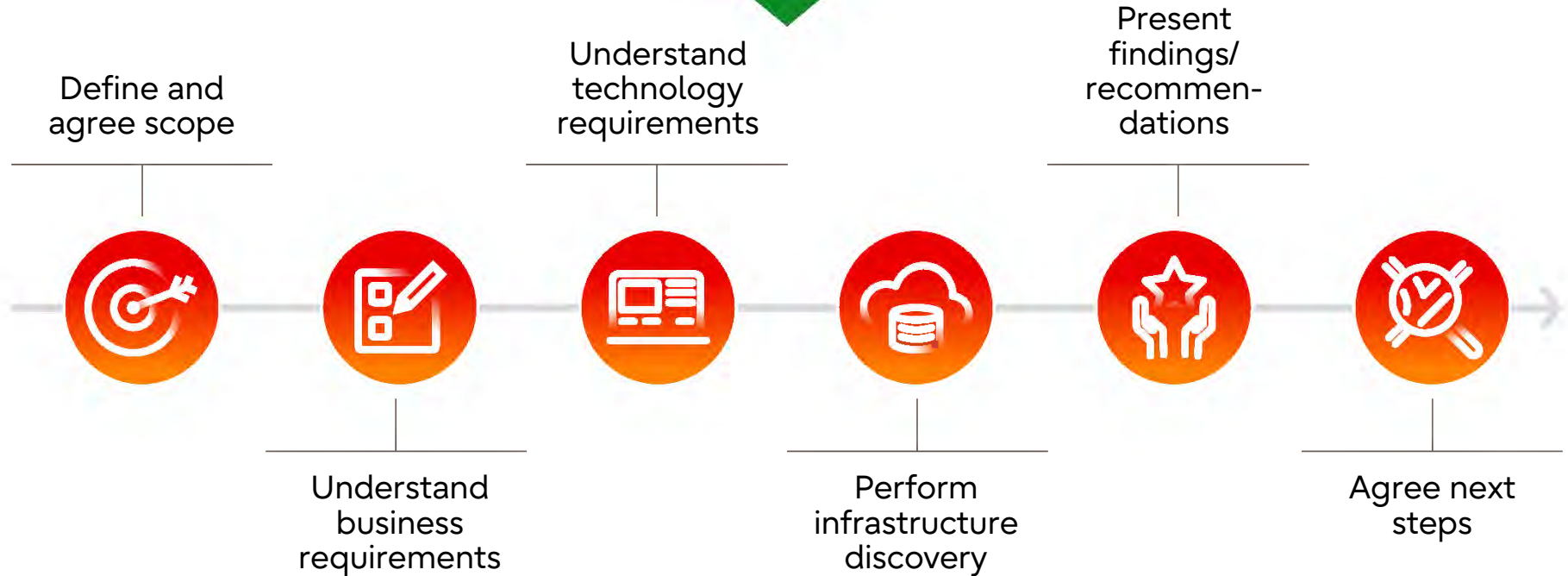
An welchem Punkt der Datentransformation befinden Sie sich?

Define the data trans-formation baseline
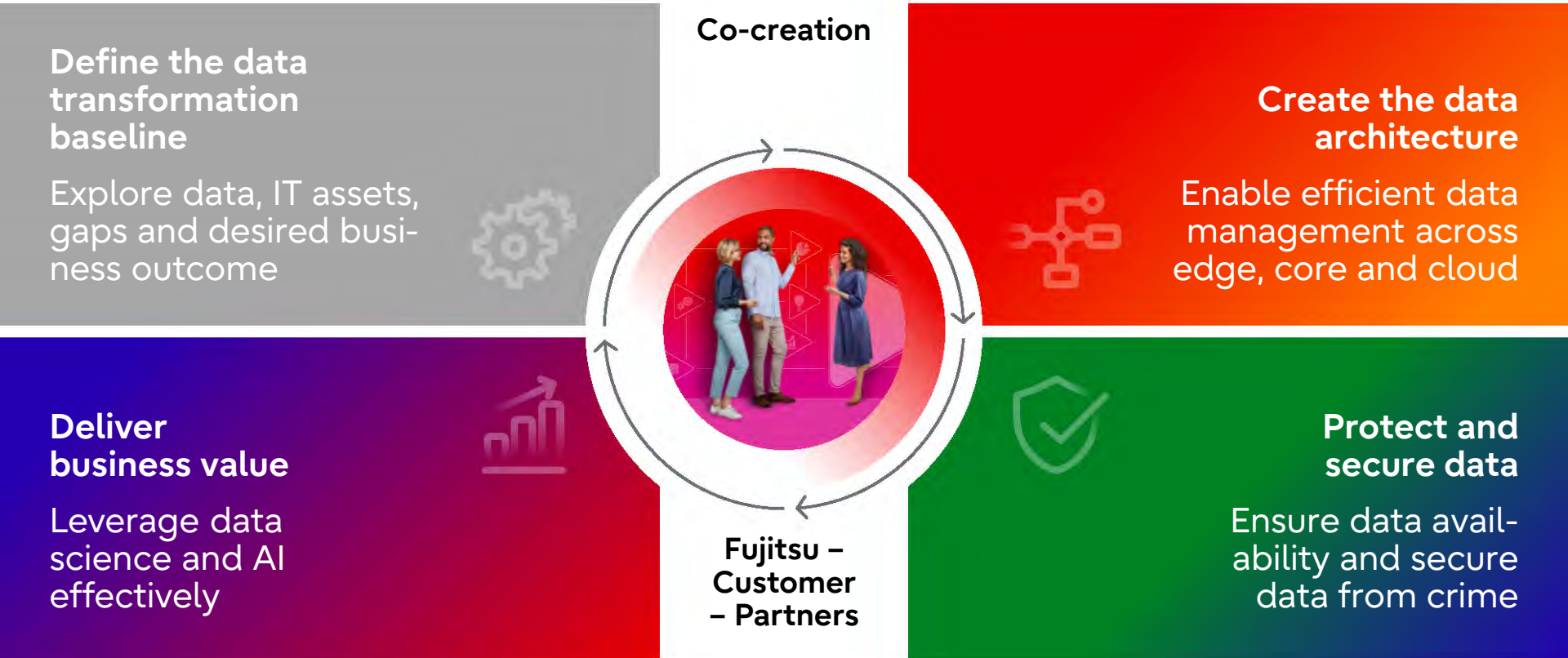
Enterprise data discovery in a multi-phased approach

Define and
agree scope

Understand
technology
requirements

Present
findings/
recommen-
dations

Understand
business
requirements

Perform
infrastructure
discovery

Agree next
steps

Explore data with tool-based assessment services

- Public Cloud
- Private Cloud
- Virtual Environments
- Network Storage
- Cloud backups
- Backup/ Replication
- File Systems & Applications
- Storage
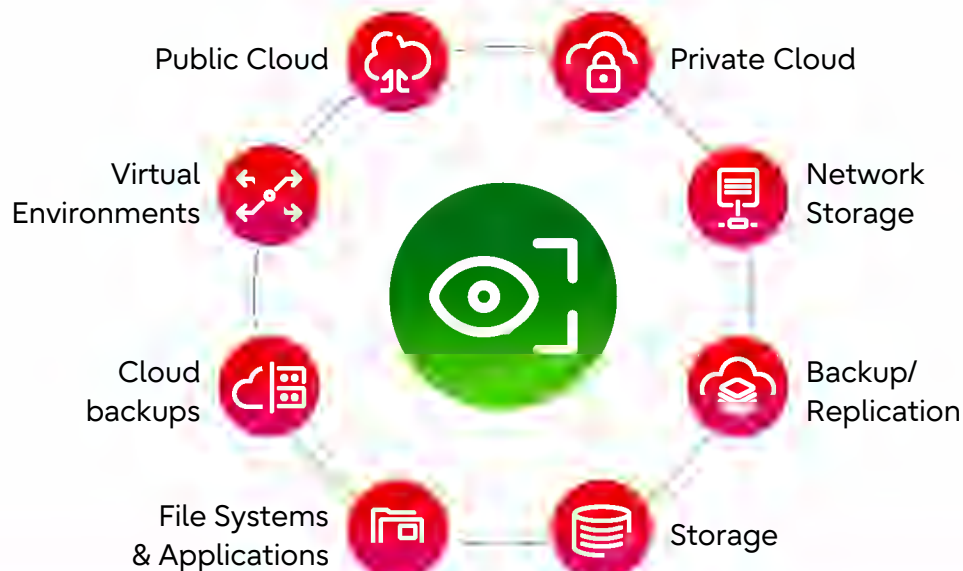
- ● Data from any storage, any cloud, any app and any backup

- ● Discovery tools scan all enterprise data sources and categorize them

- ● Automatically detect the right data for specified business objectives

Creating the baseline based on data exploration.

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The new data landscape is heavily distributed

Edge — Core — Cloud

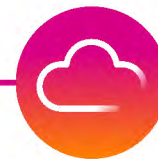**The super challenge: How to keep control over distributed data?**

Options for unified data access in Hybrid IT

Edge — **Core** — **Cloud**

Unified management	Unified view of data, infrastructure and application resources
Software-defined platforms	Virtual IT with integrated, non-dedicated storage functionality
Software-defined storage	Create one logical storage pool across edge & core servers and cloud instances, ideal for "data heavy" scenarios, e.g. unstructured data.

PRIMERGY-Server für jede Anwendung

FUJITSU

Edge ———— Core ———— Cloud

| TX1320 M6 | TX1330 M6 | RX1440 M2 | TX2550 M7 | RX2450 M2 | RX2540 M7 |
| intel | intel | AMD | intel | AMD | intel |

Dual Socket
Intel® & AMD EPYC™

Mono Socket
Intel® & AMD EPYC™

HYPERSCALER

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Use Software-Defined Platforms with PRIMEFLEX HCI Solutions

Pre-integrated and certified technology stack

Standardized implementation services by experts

Standardized Infrastructure support with SPOC

Results in significant better operational experience of your Microsoft / Nutanix HCI environment.

Fujitsu ETERNUS NU200 – unified storage

Initial supported specification

**Appliance in 2U with 12 × 3.5"
or 24 x 2.5"**

**Onboard
interfaces**

**Up to 3 expansion
shelfs 2U**

- Active-active controller module
- Internal boot devices:
  2 × 256GB M.2 NVMe SSD
- Min configuration with 6 drives
- 12G SAS backend
- Good fit for capacity needs in
  the range of 20 to 800TB

- High-speed CM interconnect
- Optional FC/Ethernet interfaces
- 12.5GB/s FE throughput

- 12 × 3.5" or 24 × 2.5"
- 96 disks with 2u24 only
- 48 disks with 2u12 only

4 layer methodology from data to money
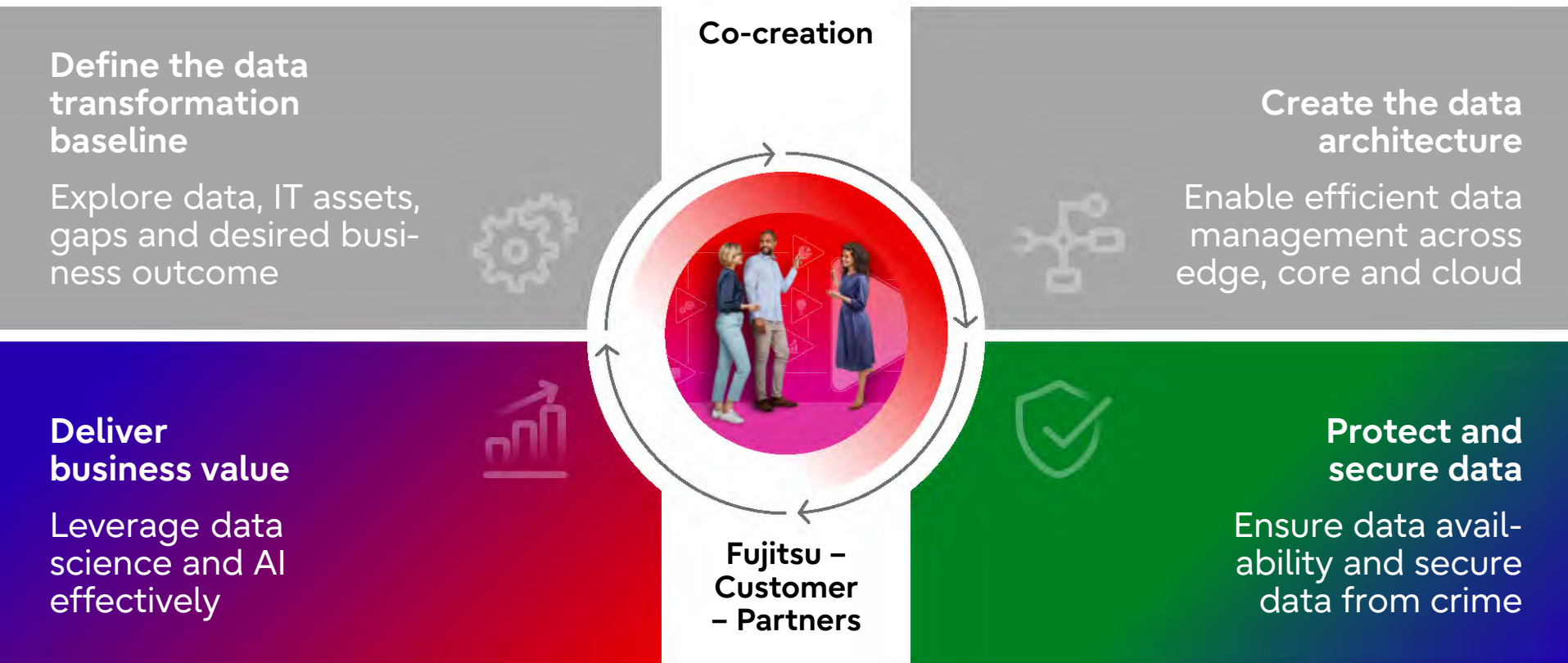
Fujitsu

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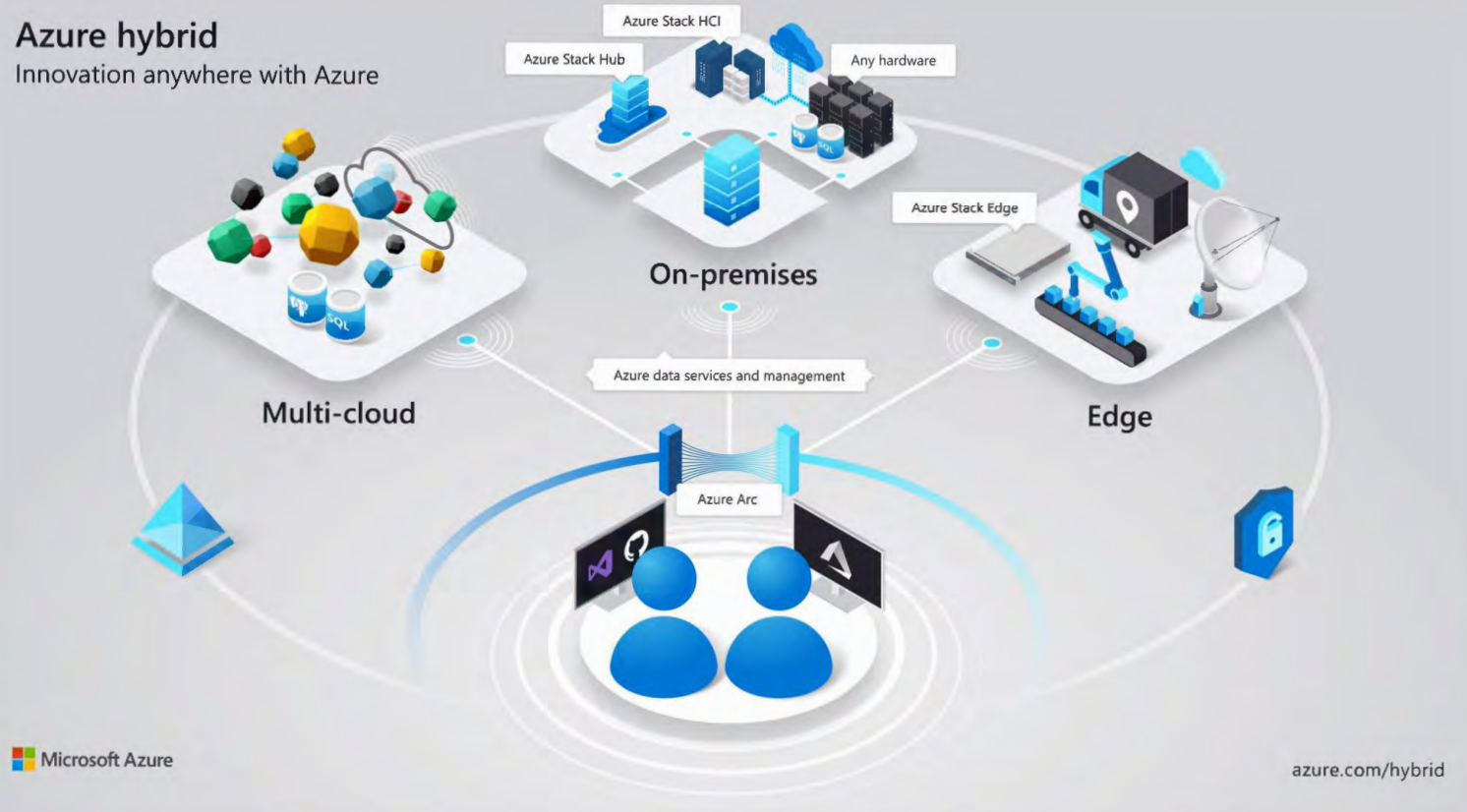
Protect
and secure data

Recommendations how to optimize data protection

Define your SLAs – RTO/RPO aspects

RPO
How much data are you willing to lose?

RTO
How long should it take until your business is up and running again?

Apply search and discovery tools to cover everything

Optimize the cost levels by introducing a media-mix according to SLAs

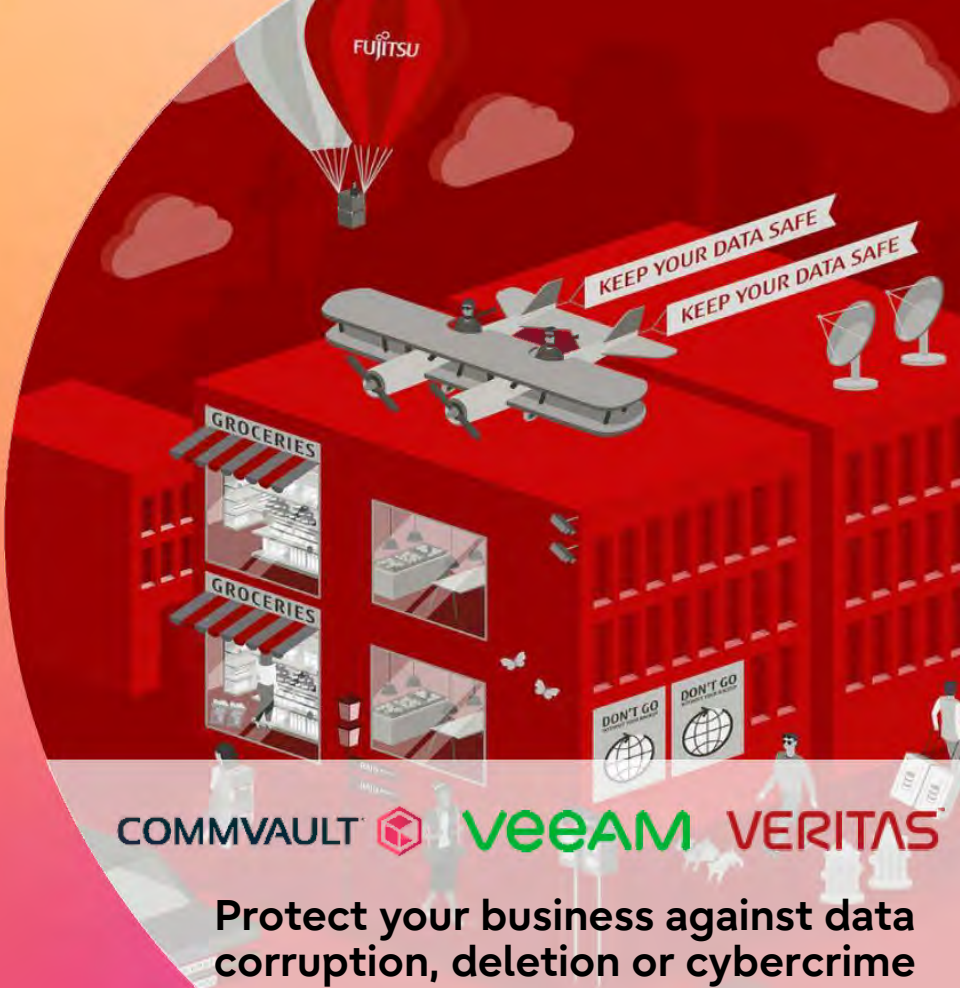Archive what is appropriate and delete the rest

You cannot care about data protection later – it must be part of the core project.
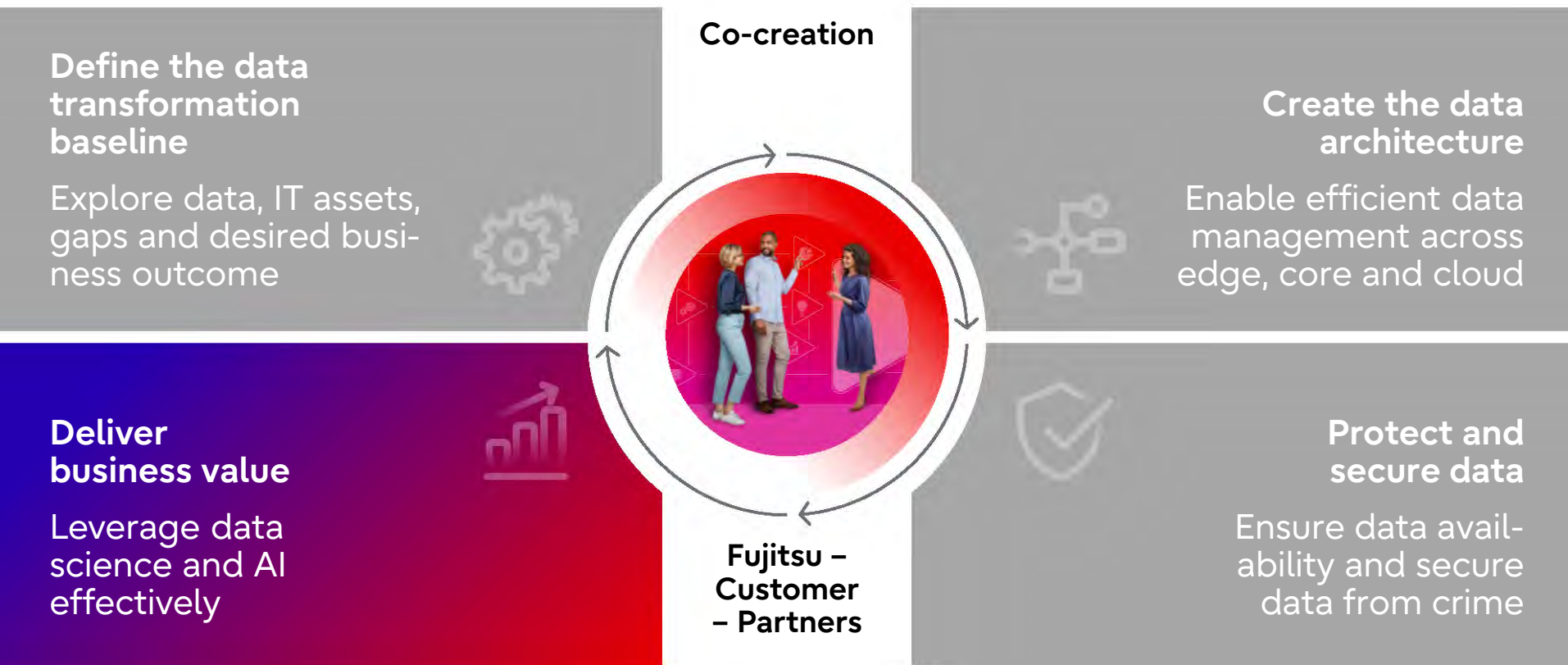
Fujitsu Data Protection Solutions

- Modern Data Management and Protection Solutions

- Automated Backup and Recovery

- Rich Data Lifecycle Management

- Efficient Disaster Recovery

- Regulatory Compliance

Protect your business against data corruption, deletion or cybercrime

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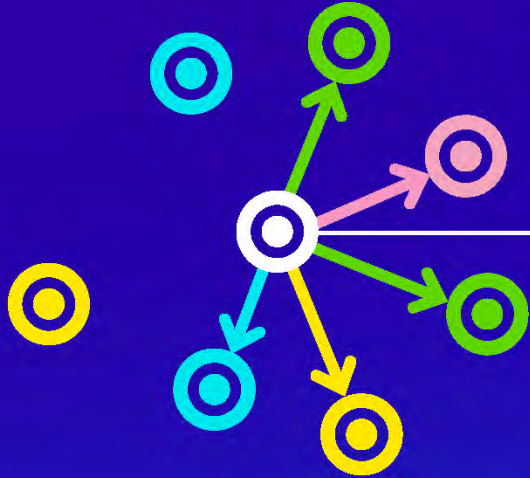
Ensure data availability and secure data from crime

Deliver
Business
Value

We've built Fujitsu Private GPT

Your company has more knowledge & hidden value than time & ressources

FUJITSU Private GPT

» 100% data sovereign & protected
» User-based databases
» Decouple your data & the AI model
» Keep your own data up to date
» Complete stack within your on-premise IT
» It can be customized

So any of your employees will be able to

→ Make faster and more accurate decisions

→ Access the right knowledge easily

Was zeichnet Fujitsu aus?

- Strategisch ausgerichtetes DC-Portfolio

- Hersteller „plus"

- Große IT-Expertise

- Stärkste Sales Power im Markt

- Größtes Channel-Partner-Commitment

- Japanisches Wertesystem

Zusammenfassung

- Define the data transformation baseline

- Create the data architecture

- Protect and secure data

- Deliver business value

Zusammenfassung

- Define the data transformation baseline
  - Fujitsu data assesment service/consulting/tools

- Create the data architecture
  - Fujitsu PRIMERGY Server
  - Fujitsu ETERNUS NU200 Storage
  - Fujitsu PRIMEFLEX HCI Solutions

- Protect and secure data
  - Fujitsu Data Protection Consulting/Solutions

- Deliver business value
  - Fujitsu Private GPT und individuelle ganzheitliche Beratung

Vielen Dank