# IT MEETS TIN

A brief introduction to NTT Group with selected customer references

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NTT DATA
Trusted Global Innovator

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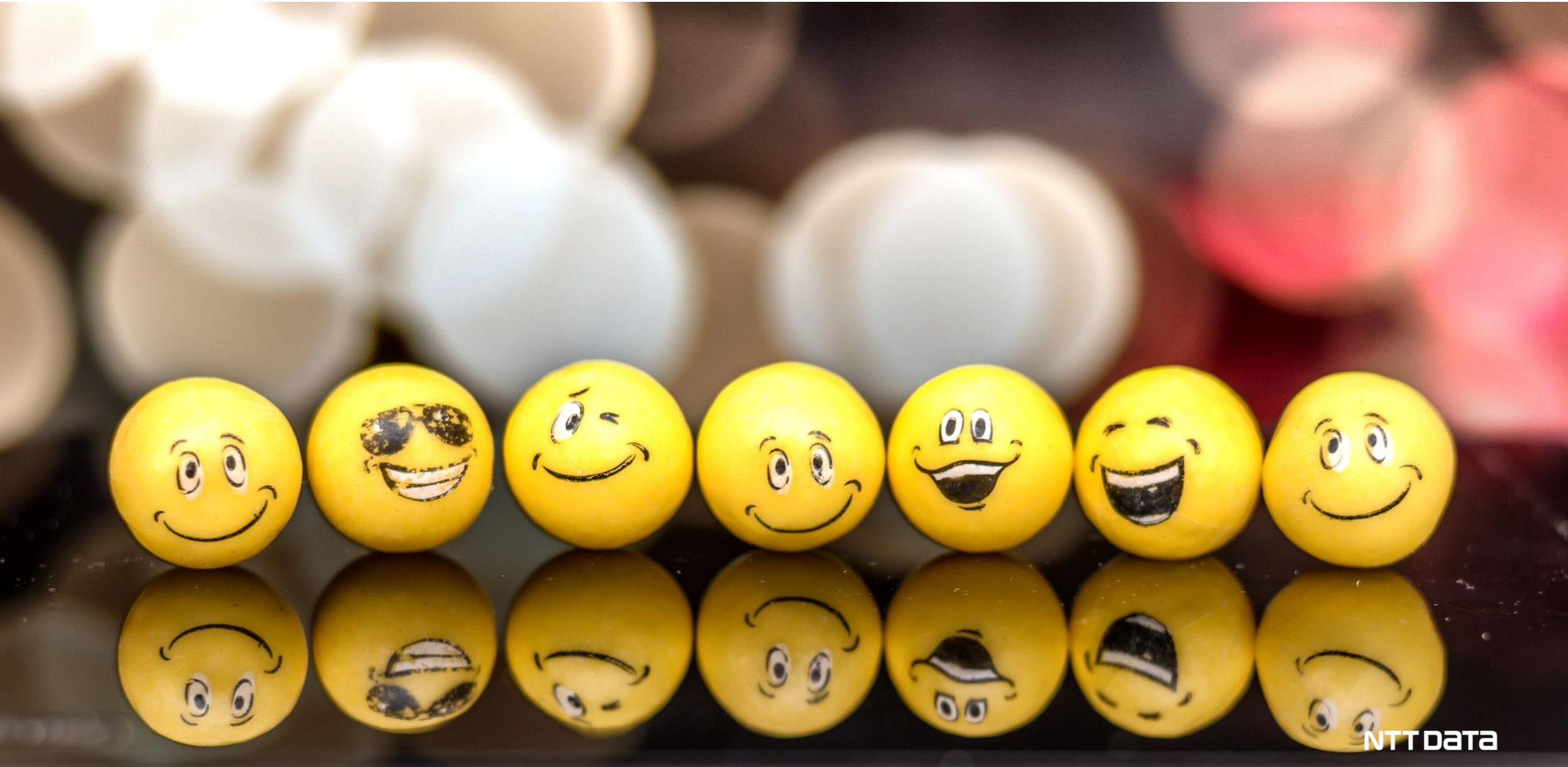
# Agenda

1. NTT Group Introduction
2. Trends in Software Development and Selected Customer Reference
3. Q & A

# Chapter 1

NTT Group Introduction

# Did you know?
## We invented the emoji



## Did you know?

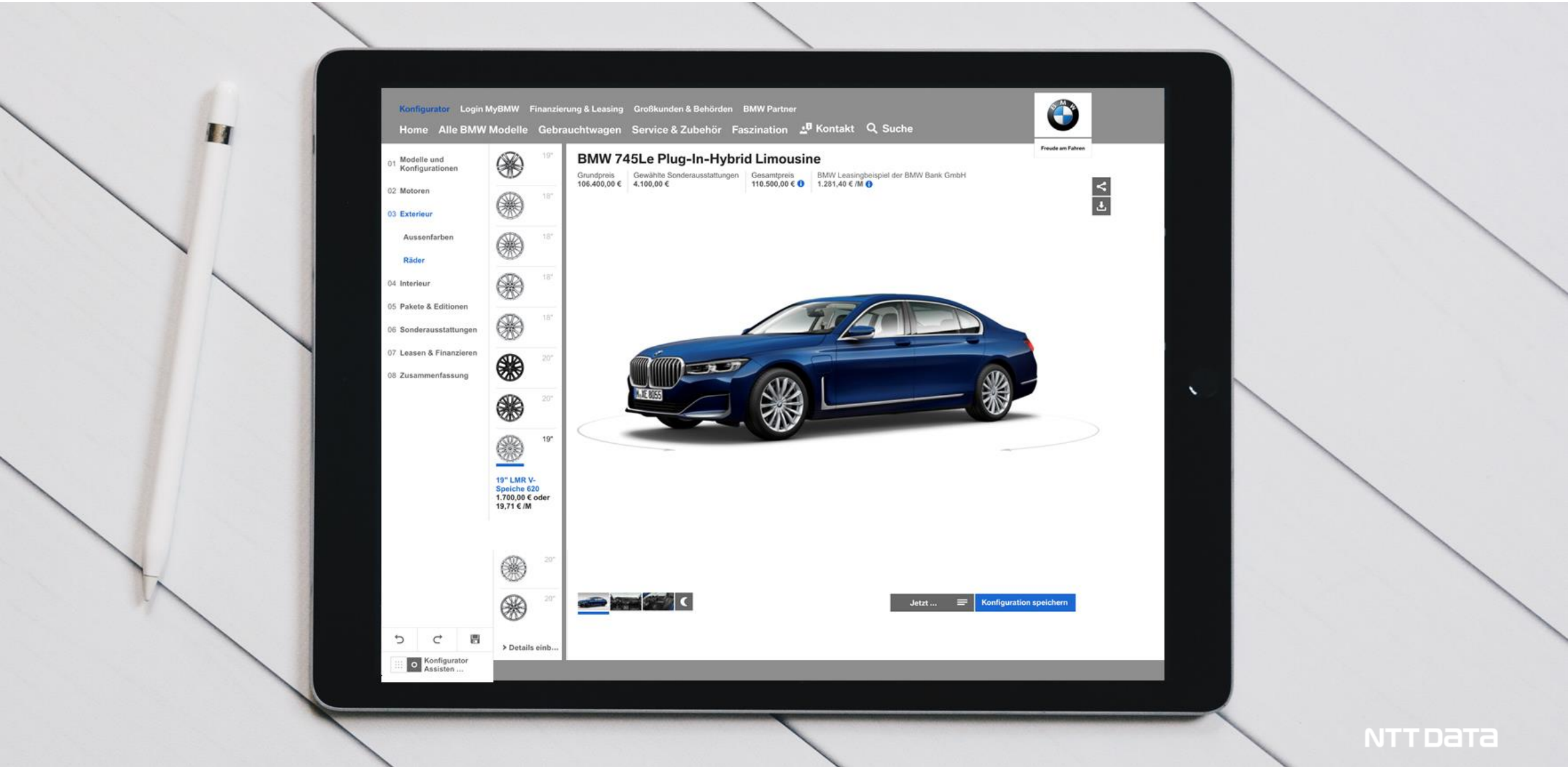
# NTT is the largest data centre operator in Germany and worldwide

## Did you know?

We handle ~40% of the world's internet traffic, and build security intelligence from it

# Did you know?

## We have built the first HTML5 car configurator for a premium car OEM



## Did you know?

# NTT DATA preserved human knowledge by digitizing the Vatican Apostolic Library

# Did you know?

We performed Europe’s largest IT post-merger-integration in the telco sector

# Did you know?

## We build the world’s leading smart city for the Tokyo Olympics 2020

# **NTT Group -** Business Innovation & Transformation Partner

Lündendonk **#5** 2018

**TOP Employer** since 2016

Presence in **89** Countries

19 locations in Germany

worldwide **283.000** employees

Thereof 6.500 in Germany

**2.3 Bn $** annual invest in **R&D**

**>90% of all DAX30** companies trust in NTT DATA

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# ONE WINNING TEAM

#besonders

4

3

Unsere Werte

**CLIENTS FIRST**
**FORESIGHT**
**TEAMWORK**

2

Unser Führungsbild

**INSPIRATION**
**MOTIVATION**
**EMPATHIE**
**EMPOWERMENT**
**TRANSPARENZ**
**GLAUBWÜRDIGKEIT**

Meine Unternehmenskultur

**AUTHENTIZITÄT**
**VERTRAUEN**

1

**WERTSCHÄTZUNG**
**PERFORMANCE-ORIENTIERUNG**

NTT DATA

# Innovation & Collaboration

NTT LABS
GLOBAL R&D

ENSO

ENSŌ
The Space for Creators

DIGITAL
TELCO LAB

J-COM &
S-COM

NTT DATA
GLOBAL
HACKATHON
2018 | Munich, Germany

HACKATHONS

StartupItalia!
NTT DATA
OPEN INNOVATION
everis
NEXT

START-UP
OPEN INNOVATION

NTT DATA EMEA
INNOVATION HUB

EMPLOYEE
ENGAGEMENT

IDEAhub
NTT DATA

UNIVERSITIES &
R&D INSTITUTIONS

UNIVERSITÀ DELLA CALABRIA
POLITECNICO
MILANO 1863
IN SUPREMÆ DIGNITATIS
1343
FONDAZIONE
BRUNO KESSLER

NTT GROUP
COMPANIES

dimension
data
e-shelter
NTT Communications
NTT
docomo

REMOTE YEAR

LOCAL
INDUSTRY LABS

NTT DATA

# Chapter 2

Trends in Software Development

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# Fast Track Innovation

**Idea in brief:** In the past years „fail often, fail fast“ has become a mantra for the innovation community. The difficult aspect of „fail often, fail fast“ is not so much to fail (which happens much easier than one may initally believe) but to do so „fast“. But only if one fails fast, one gets the necessary throughput of ideas so that successful ideas can emerge.

# Agile IT

**Idea in brief:** In the past IT governance focused on standardisation, stability, and cost effectiveness. With the emergence of digitalisation, the complexity of the solutions and the number of unknowns grows exponentially and well-established methods fail to deliver the anticipated results. A shift towards a more exploratory and faster agile IT is necessary.

# Software Development Trends

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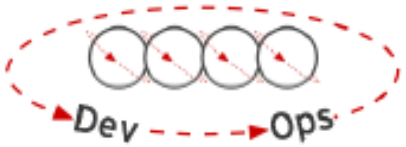
## Development Process

Waterfall

Agile

**DevOps**




## Application Architecture

Monolithic

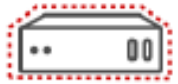
N-Tier

**Microservices**

## Deployment & Packaging

Physical Servers

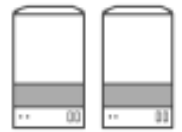
Virtual Servers



**Containers**

## Application Infrastructure

Datacenter



Hosted

**Cloud**

# Interface Routing for Reporting Services

From system integration to platform
a **digital transformation**
powered by **NTT DATA EMEA**

NTT DATA provides an agile IT platform for the integration routing for regulatory reporting services (IRRS). The data from external parties is transformed in a canonical data format and processed according to the rules of the European Securities and Markets Authority (ESMA). The solution scope reaches beyond system integration and NTT DATA provides a turn-key solution with a business oriented pricing model.

# Altemista Cloud – a ONE STOP SHOP of NTT.

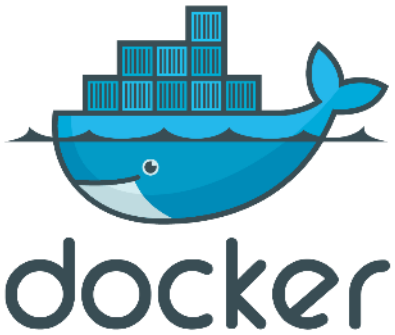
Network + Cloud Infrastructure — **NTT Group**

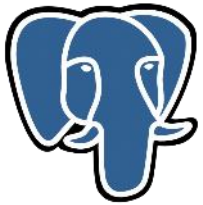
PaaS + SaaS — **NTT Partner**

CI/CD/CT Toolchain
Collaboration Tools — **OSS, NTT DATA**

Agile Development Methods
Consulting & Integration — **NTT DATA**

# Technologies we got in touch with





# Q & A

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