Monthly Webinar SAP Cloud Platform Integration Suite
25.08.2020
ABOUT SIKA

206.90
CHF
Current shareprice:
08/14/2020 11:13
-2.0 %

25,141
Employees (2019)

100
Countries

8,109.2
mn CHF Net Sales (2019)

758.5
in CHF mn

93
New patents (2019)
SIKA IS PRESENT IN THE MAIN CONSTRUCTION PROJECTS

- Gotthard’s tunnel in Switzerland
  - 3.3 million m² of Sikaplan® waterproofing membrane applied
  - 57 km length, making it the longest rail tunnel in the world
  - 20,000 tons of admixtures used
  - 40,000 tons of materials delivered
  - 2,600 people participated in the project
  - 12,662,500 minutes of work by Sika employees

- Hong Kong-Zhuhai-Macau Bridge
  - 55 km total length, making it the longest bridge-and-tunnel sea crossing in the world
  - Designed to last over 120 years
  - Over 400,000 tons of steel used
...BUT ALSO PROBABLY IN YOUR DAILY LIFE

**VEHICLES:**
More than 50% of vehicles produced worldwide use Sika Technology

**IN SITU REPAIR OF WIND TURBINE BLADES:**
1 HOUR with SikaForce® and Sikadur® wind turbine repair systems

**DISHWASHERS:**
Over 13 MIO are quieter thanks to SikaDamp® acoustic systems

DIY – Retail Stores
Target: All 102 Sika subsidiaries will use SAP as ERP either S/4 Hana or SAP Business by design, depending on their size and requirements, by 2025.

Current Sika Companies using SAP:

28
16

* Despite of not using SAP as ERP, some companies are already using SAP products like SAP IBP or SFSF

S/4 HANA Upgrade Go-live planned for 1st of April 2021 (brown field approach)
SIKA LANDSCAPE

User Apps

Cloud SAP

Cloud non-SAP & EDI Partners

On-Premise SAP

On-Premise non-SAP

Real World Obj

40 sensors
+1000 way
12 silos

SAP Hybris
SAP GTS
SAP HR
SAP TM
SAP EWM
SAP BI
SAP MII

Salesforce
Google
Government
Customs

Customer
Carrier
Vendor

Production Applications
Financial Applications
Others
INTEGRATION BREAKDOWN

- **SAP PO**
  - B2B with SAP ECC6 On-prem A2A Master Data
  - 1342
  - 91%

- **SAP CPI-PI**
  - B2B with ByD Master Data A2A Cloud B2G
  - 70
  - 5%

- **SAP CPI-DS**
  - Integration with SAP IBP
  - 54
  - 4%

- **SAP APIM**
  - API exposed to consume Price letters from our backend
  - 1
  - 0%
TRANSITION TO A NEW INTEGRATION MODEL – SIKA’S JOURNEY

Upgrade to SAP NetWeaver 7.11
Upgrade to SAP NetWeaver 7.4
Upgrade to SAP NetWeaver 7.5

Introduction of CI
Build new agile integrations with Cloud Platform Integration Suite
Move existing integration scenarios to SAP Cloud Platform Integration Suite

Source: https://blogs.sap.com/2020/06/17/where-can-i-find-the-sap-process-orchestration-road-map/
https://www.sapinsideronline.com/m/SAPinsider-Issue2-2020/102/
TRANSITION TO A NEW INTEGRATION MODEL – SIKA’S APPROACH

- **UPGRADE TO SAP NETWEAVER 7.5**
  Not a 1 to 1 migration. We invested lot of effort standarizing our development process so we can spend less time in future developments and operations.

- **BUILD NEW INTEGRATIONS WITH CPI SUITE**
  Build your Hybrid architecture guidelines and don’t look backwards because of lack of knowledge, resources, budget.. All the integrations you build in PO will need to be migrated again very soon (9 years and ¼ until the end of PO support)

- **MOVE EXISTING INTEGRATIONS TO CPI SUITE**
  Start the analysis with a clear idea of our AS-IS situation. Instead of reinventing the wheel we decided to follow SAP ISA-M.
TRANSITION TO A NEW INTEGRATION MODEL – SIKA’S APPROACH

- MOVE EXISTING INTEGRATIONS TO CPI SUITE - SUGGESTED INITIAL STEPS

- How many Point to Point Master Data Integrations you have? -> Switch to API-M

- How many Cloud to Cloud Integrations you have running on PO? -> Switch to Integration Suite (CPI, API-M)

- How many BPM you have running on PO? -> Switch to CPI or at least CIC on PO

- How many BRM you have running on PO? -> Switch to Business rules Service on SAP Cloud Platform
Sika’s Use Case – API MANAGEMENT

- API Portal
- API Developer portal
- API Designer
- APIs:
  - Price letters:
    - Consumed by application clients, i.e.: Salesforce EMEA
  - Policies:
    - Security: Principal propagation via SAML from trusted IDPs & Verify API Key
    - Traffict Management: Access Control, Concurrent Rate Limit, Quota & Spike Arrest
    - Mediation: Key Value Map Operations
    - Caching: Response Cache, Lookup Cache & Populate Cache
    - Analytics: Statistics Collector
Sika’s Use Case – API MANAGEMENT

End user

1. Application Clients

2. Azure AD

3. API Management

4. Connectivity service

5. Secure tunnel

6. Cloud connector

SAP® Cloud Platform

Firewall

trust
QUESTIONS & ANSWERS
THANK YOU FOR YOUR ATTENTION