



EITIA ELINKEINOELÄMÄN TUTKIMUSLAITOS
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From Zero to cloud: Enabling the Composable Enterprise

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NOKIA

The Federation of Finnish
Technology
Industries

Tekes

From Zero to Cloud:

Enabling the Composable Enterprise

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Composable Enterprise

Fast
Adaptable
Resilient
Innovative

A red rope is tied around a bundle of US dollar bills, symbolizing cost control. The bills are fanned out, showing the front side with the Treasury seal and the signature of Paul A. Genuis. The text "FOR ALL DEBTS, PUBLIC AND PRIVATE" and "THIS NOTE IS LEGAL TENDER" is visible on the bills. The background is dark grey.

Lower Operational Costs

IT Enabled Innovation





**Faster
Time-to-Value**



Reality

How We Build Today



A photograph of a modern, multi-story apartment building. The building features a curved facade on the left side and several balconies. The windows are arranged in a grid pattern. The sky is a clear, deep blue. The text "What We Need To Build" is overlaid on the right side of the image in a large, white, sans-serif font.

What We Need To Build

Cloud Architecture

Loosely Coupled

Elastic & Resilient

Composable





Platform as a Service

An Open Source Toolkit



Building a Software Factory

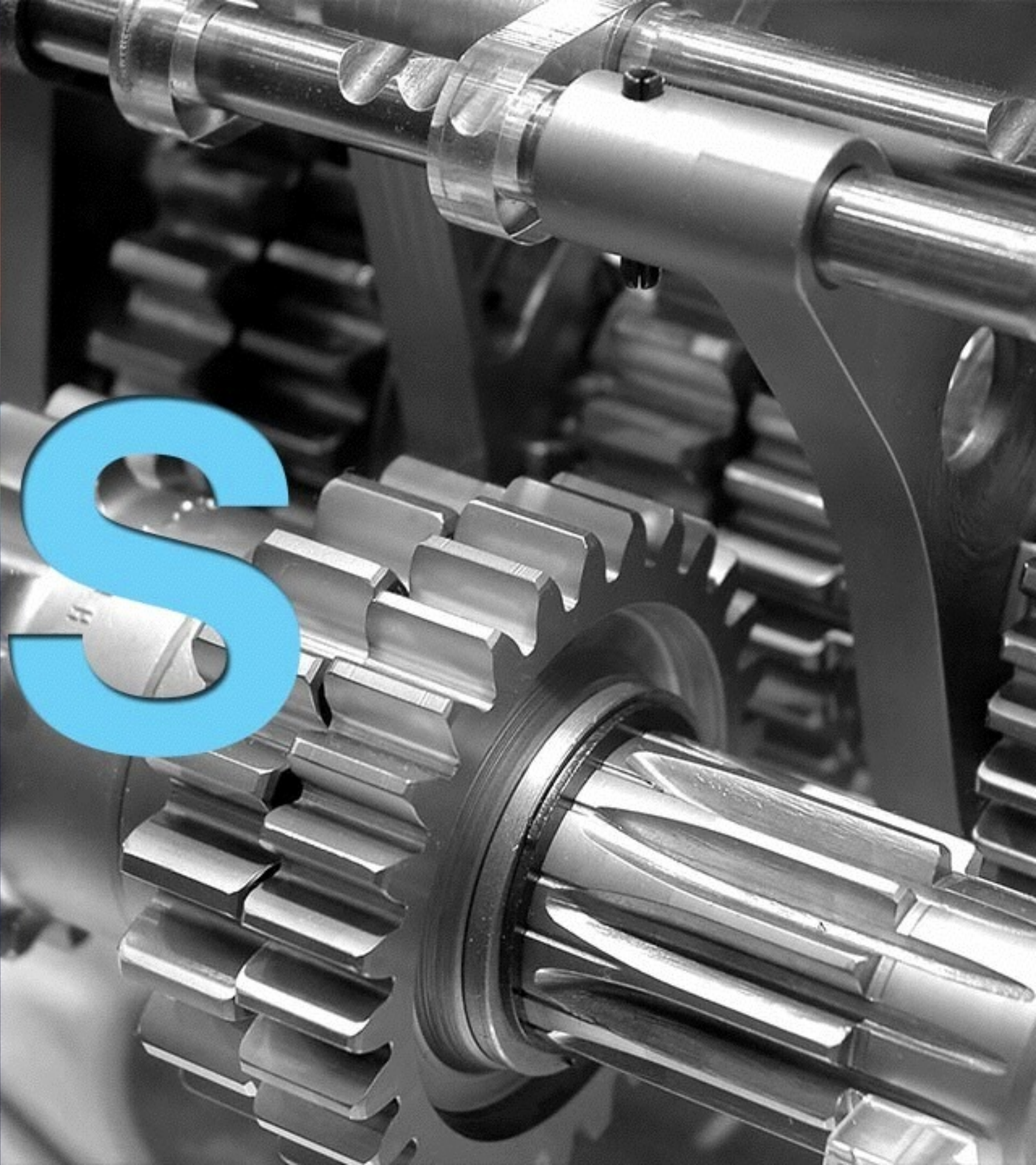
Decouple Infrastructure

Implement Microservices

Make Data a Service

Automate Everything







V S





A Few Lessons Learnt

Building an aircraft in flight is hard

Open Source is your friend

Agile is a mindset not a process

Automation is not automatic



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