KISS

KEEP **I**T **S**IMPLE AND **S**MART

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dd

Proximus Group

Boldly building a connected world
that people trust so society blooms

Group underlying Revenue	Group underlying EBITDA	CapEx
€ 6,042 Mio	€ 1,757 Mio	€ 1,325 Mio

proximus

TeleSign

bics

+ New routemobile communication simplified

11.655 (FTE's)

scarlet

MOBILE VIKINGS

PmH

proximus ada

BEMOBILE

d|si

codit

proximus NXT

ClearMedia
A Proximus company

proximus spearit

telindus
a Proximus company

doktr

banx

Cyber Care

bold 2025

Boldly building a connected world that people trust **so society blooms**

We deliver **great value** for **our stakeholders**

Act for an inclusive **society** & be **sustainable** in everything we do

Delight customers with unrivalled experience

Grow profitably **locally & globally** through strong brands

through **exceptional strengths**

Roll out **#1 gigabit network** for Belgium

Engineer **technology assets** to enable digital ecosystems

Foster an engaging **culture** & empowering **ways of working**

This is me

Caroline Van Cromphaut

IT director Technology strategy
Chief Enterprise Architect

"Probably the only female Chief Enterprise Architect in the world – mom of 2 sons – wife of a former entrepreneur – passionate about travelling – generally considered enthusiastic"

2008-2016 : Belfius Bank
2016-2019 : Belfius Insurance
2019-2023 : Belfius Group
2024-…: Proximus Group

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LET’S TALK IT

IT ARCHITECTURE IS GREY

- Fragmented
- Best of breed (capability driven)
- On premise
- Towards fragmented hosting landscape
- Vertical applications
- Centralized decisions
- Diverse development

- Federated
- Best of suite
- Cloud smart (Clustered)
- Keep control through a central servicing hub
- Layered
- Empowered teams
- Standardized

WHO NEEDS AN ARCHITECTURE VISION IN AN AGILE WORLD?

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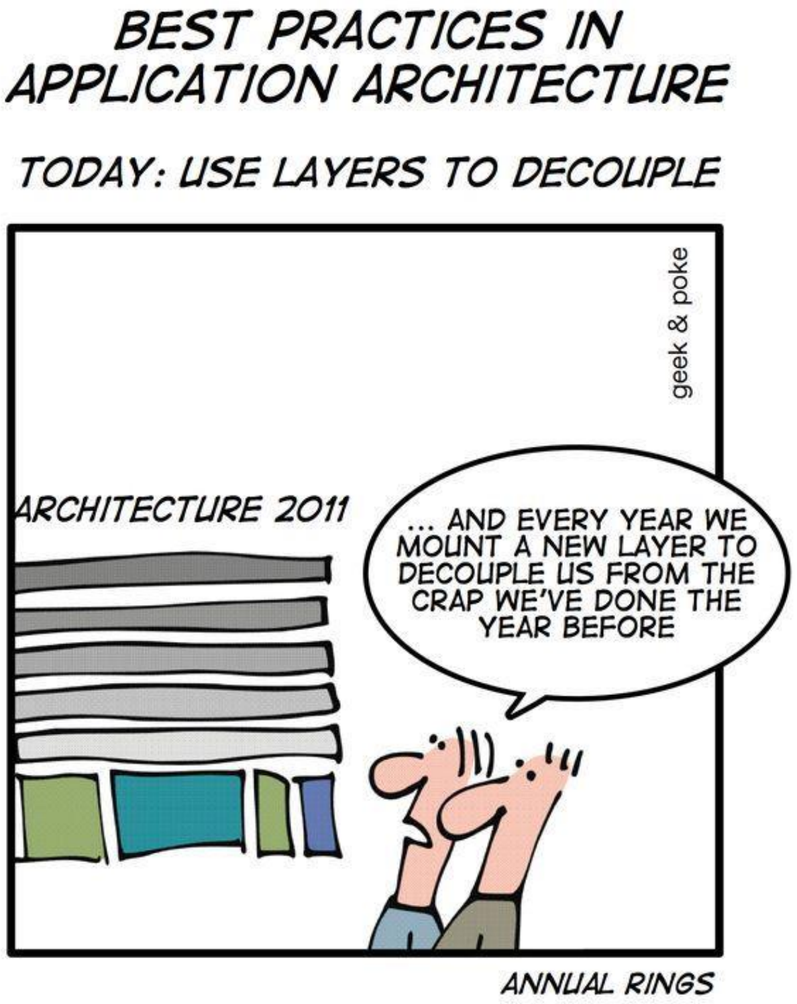
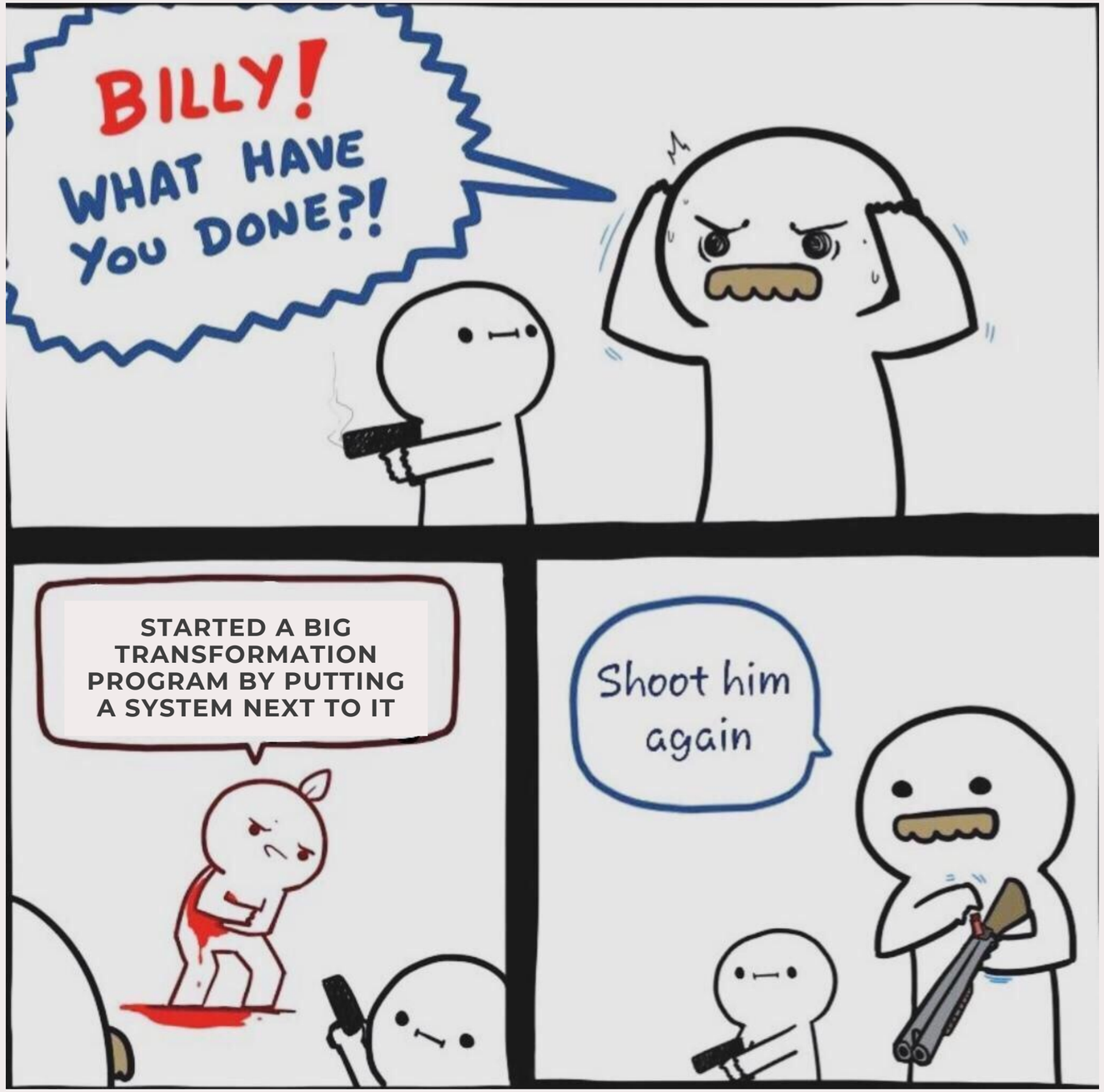
PEOPLE NEED DIRECTION

FIRE YOUR ARCHITECT IF HE/SHE HAS ONE OF THE FOLLOWING IDEAS

2238 APPLICATIONS



LAYER DECOUPLING WITH... MORE LAYERS



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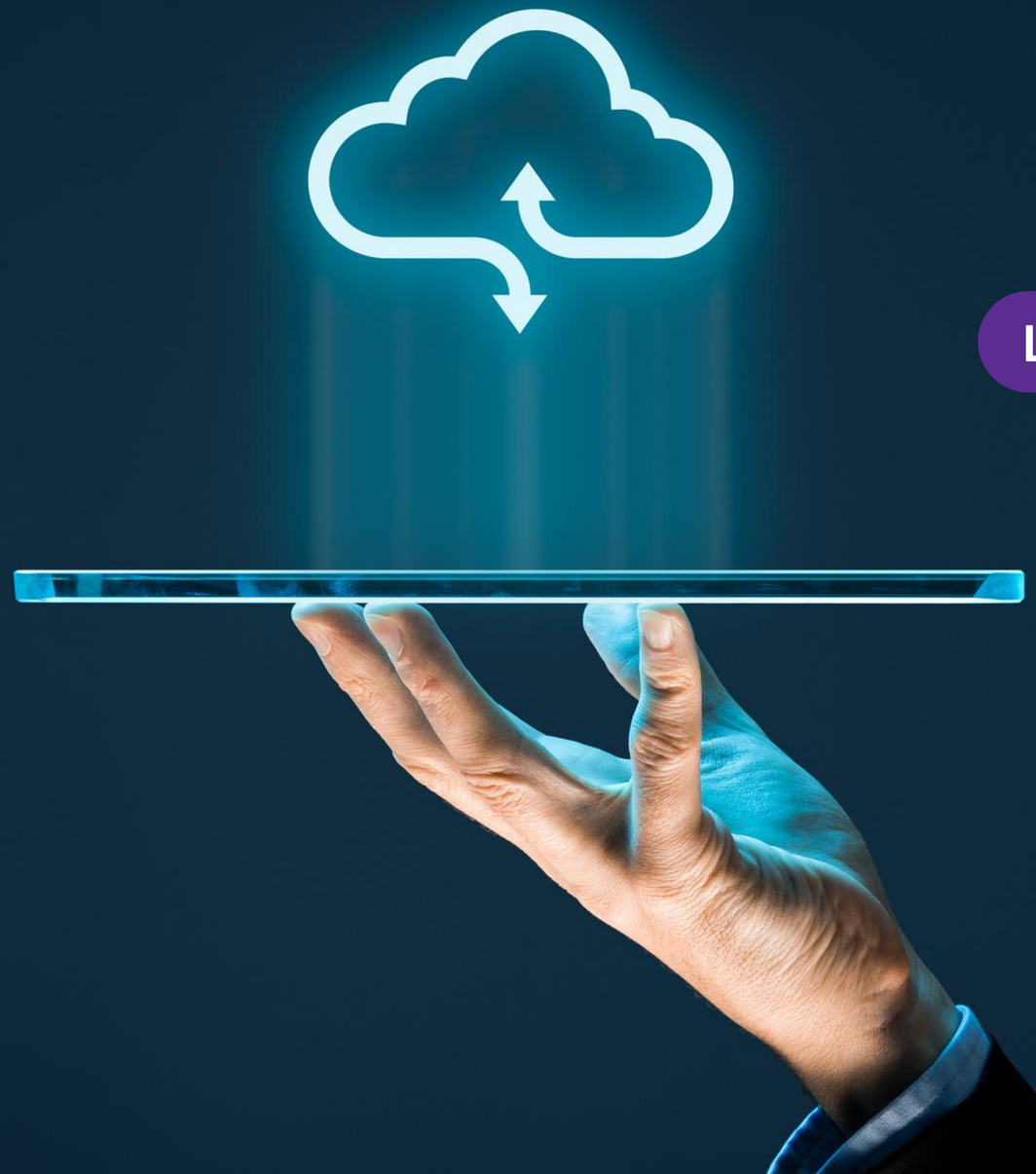
TOOL CONSOLIDATION



LET’S MOVE IT ALL!

THIS RESULTED IN >3000 TOOLS AND >100 PROGRAMMING LANGUAGES

Programming Languages

ABAP Action Script AJAX AngularJS Ansible Playbook Language ARIS Script ARM ASP ASP .Net BeanShell BICEP BPEL BPM C# Cassandra Query Language (CQL) CGI Script COBOL ColdFusion Markup Language CRL scripting CSS Delphi DOCDEF Expect Filemaker Script Fytek Go Groovy script HP nonStop COBOL85 HTML Huawei NCE IBM Tivoli programming language IDMS IML Informatica Powercenter ISIS Papyrus JAVA JAVA Script JAVA Script Server Side jQuery JSP Kotlin Mendix Microsoft Power Fx Microsoft PowerShell MS Excel VBA mySQL NAWK .NET Nintex K2 No SQL Objective-C Pascal PeopleCode PERL PHP PL/SQL Powerbuilder 12.0 PRO*C PULUMI PySpark Python R Ruby Salesforce Apex SAP ABAP Scala Siebel eScript SONIC SPL SpringBoot SQL Stored Procedures Oracle Stored Procedures Sybase Swift TCL Teradata Scripting TIBCO TM1-Turbo Integrator Transact-SQL TypeScript Unix Script VB Script VB.net Visual Basic Visual Basic.NET Visual C++ Visual Lisp for AutoCad WebDynpro webMethods Flow XML XSLT

Hosting Platforms

Mobile Device N/A Administrative Reference On Premise - BICS Network On Premise - EbuCloud On Premise - Legacy (ConnectIT) On Premise - OneCorpo On Premise - OSS Telco Workaround On Premise - TelcoCloud On Premise - Telecom Network Personal Device Public Cloud - AWS (Amazon) Public Cloud - Azure (Microsoft) Public Cloud - GCP (Google) Public Cloud - HCL (HCL Technologies) SaaS To Be Defined

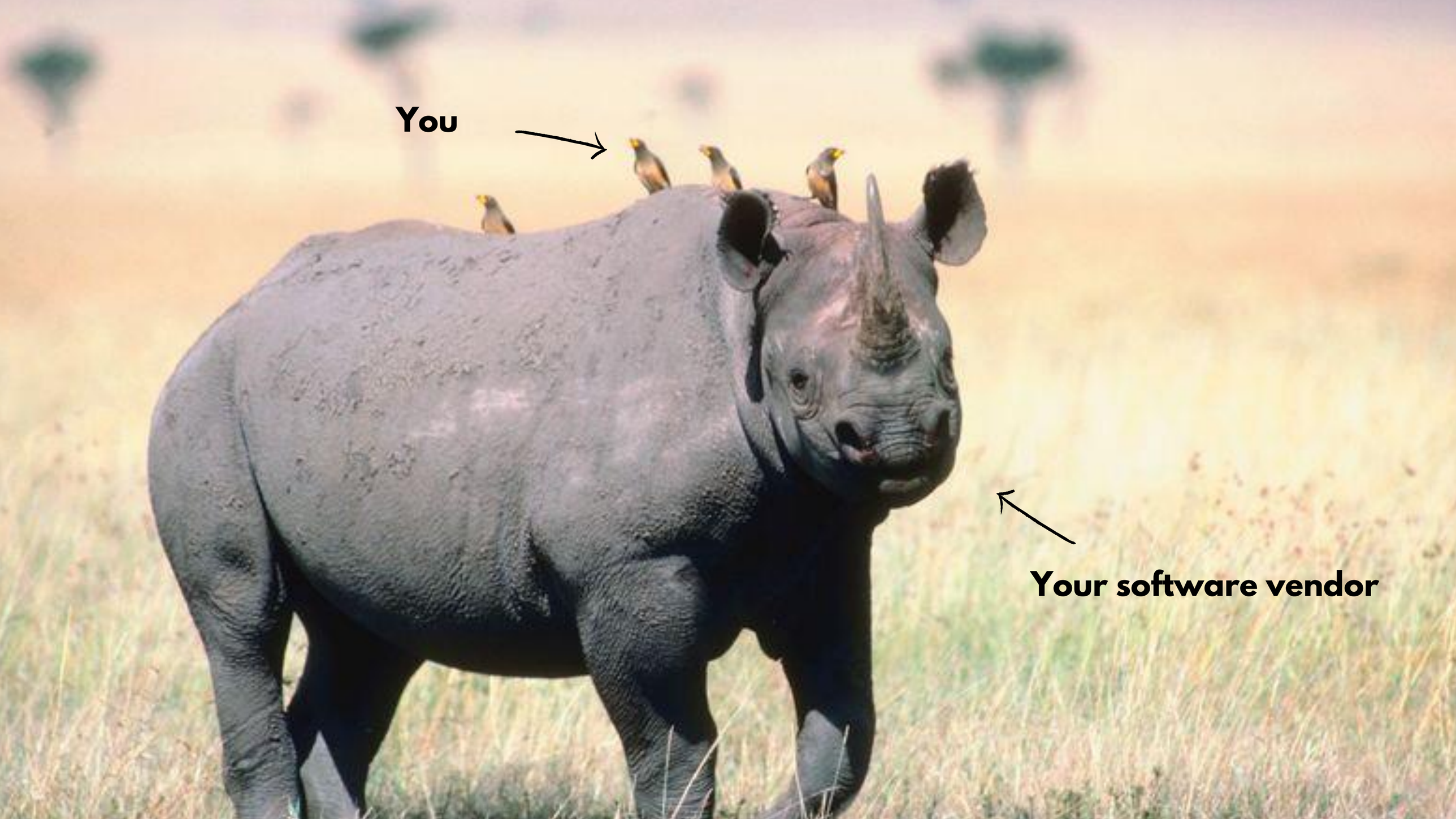
Database systems

Apache Cassandra Apache HBase Borland Database Engine 5.01 CA-IDMS/DB R17 Couchbase Server Datastax Database Delphix Dynamic Data Platform HP NonStop SQLMP Huawei Gauss DB IBM DB2 MariaDB Microsoft SQL Server Microsoft SQL Server 2012 Microsoft SQL Server 2014 Microsoft SQL Server 2016 Microsoft SQL Server Express MongoDB MS SQL Manager Studio MS SQL Server 2012 Analysis Services MS SQL Server Integration Services 2012 MS SQL Server Integration Services 2014 MS SQL Server Reporting Services 2014 Oracle Database 10g Oracle Database 11g Oracle Database 12c Oracle Database 19c Oracle MySQL Oracle MySQL v5.x Oracle RDBMS PostgreSQL pouchDb Redis RQOM database SQLite Sybase Adaptive Server Enterprise Sybase ASE V15.x Sybase Replication Server

Operating Systems

Apple iOS Apple macOS CentOS Linux Google Android HP-Unix 11i HP-UX HP Itanium Integrity - OpenVMS v8.4 HP NonStop (Tandem) J06.x IBM AIX True64 v5.x Linux MS Windows MS Windows 10 MS Windows 8 MS Windows Phone MS Windows Server MS Windows Server 2003 MS Windows Server 2008 MS Windows Server 2008 R2 MS Windows Server 2012 MS Windows Server 2012 R2 MS Windows Server 2016 MS Windows Server 2019 MS Windows Server 2022 MS Windows XP Oracle Solaris Oracle Solaris 10 on SPARC Oracle Solaris 10 on x64/x86 Oracle Solaris 11 Red Hat Enterprise Linux Red Hat Enterprise Linux v6.x Red Hat Enterprise Linux v7.x Red hat Enterprise Linux v8.x Red Hat Enterprise Linux v9.x Red Hat Linux Red Hat Linux v5.x Red Hat Linux v6.x Red Hat Linux v7.x Red Hat Linux v8.x Red Hat Linux v9.x SunOS SuSe Linux Enterprise TeraData v14.x Ubuntu Linux

SO HOW CAN WE SIMPLIFY?


You
Your software vendor

THINK TWICE

"Possibly the most common error of a smart engineer is to optimise a thing that should not exist." - Elon Musk

Make the Requirements Less Dumb

Delete the Part or Process

Simplify or Optimise the Design

Accelerate Cycle Time

Automate

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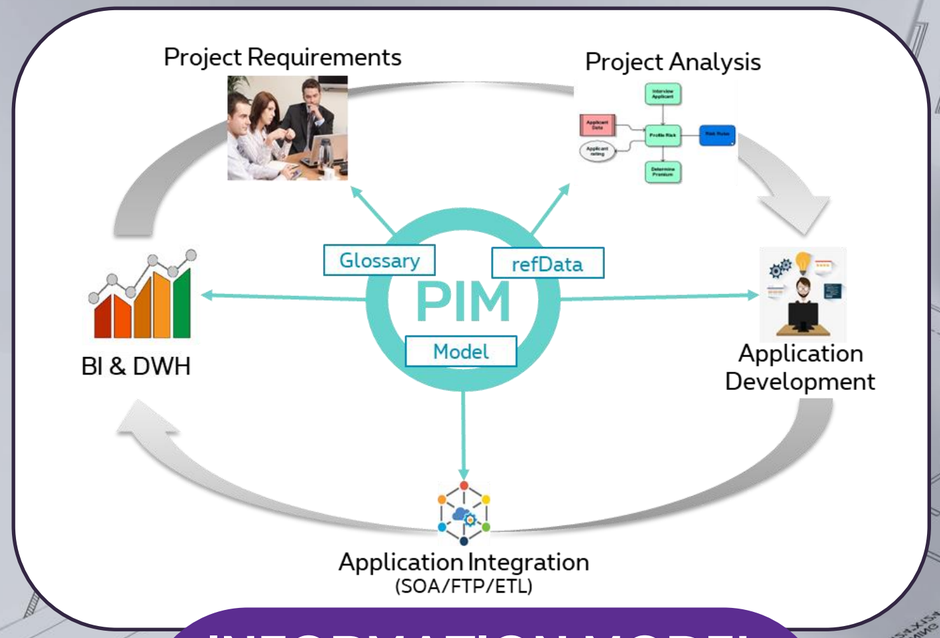

INFORMATION MODEL & Automated INTEGRATION

SIAM OPERATING MODEL

Purpose of the change

Define clear **ownership**, E2E **accountability** and process adherence

Enable a **uniform**, **cloud-based** service management across all infrastructure providers

Standardize the development to support its automation & have resilient implementations

Setup a **controlled, automated development** environment for all sourcing partners

KEY ACHIEVEMENTS

NETFLIX

Disney+

KPI's

- Cyber Security Resilience
- IT TCO Efficiencies Savings
- EBITDA impact Data Quality
- Traditional AI Value Generation
- Internal Incidents Index

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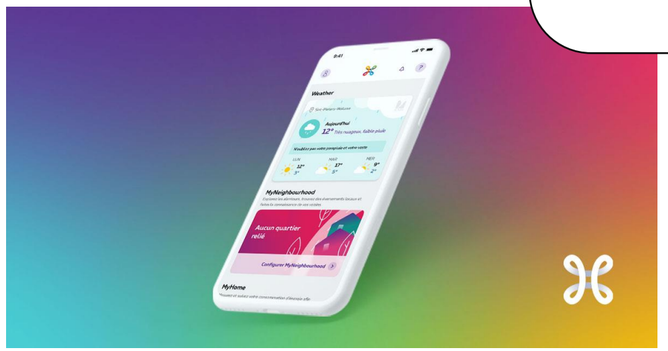

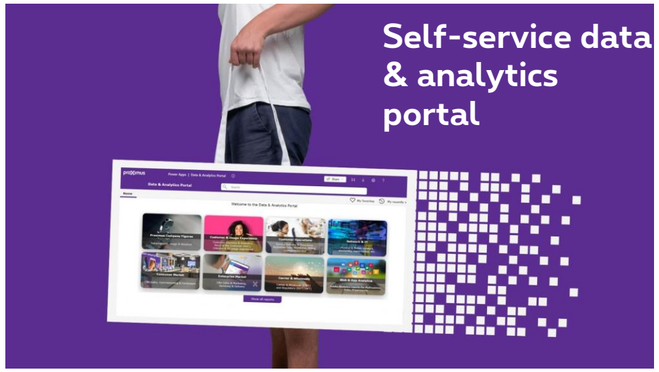

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Take aways

IT Target Architecture is **grey, so Proximus defines a North star** to give our colleagues direction.

There are better ways to simplify than with layer decoupling, moving to the cloud, tool consolidation, and adding extra systems.

At Proximus we **listen to vendor strategies, radically simplify before automating,** use an **information model,** and opt for a **SIAM operating model.**

Our architecture forms the **base for a well performing company,** that allows for continuous innovation.

What's next?

- INTERNATIONAL
- INDUSTRIALIZATION OF CLOUD
- ARTIFICIAL INTELLIGENCE
- PICT

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