DAV/DGVFM Herbsttagung 2023

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Ansätze, um die Wertschöpfung der IFRS17 Implementierung zu erhöhen

Approaches to increase the value-added of the IFRS 17 implementation

Roland Bürgi
CEO Systemorph

IFRS 17: Challenges

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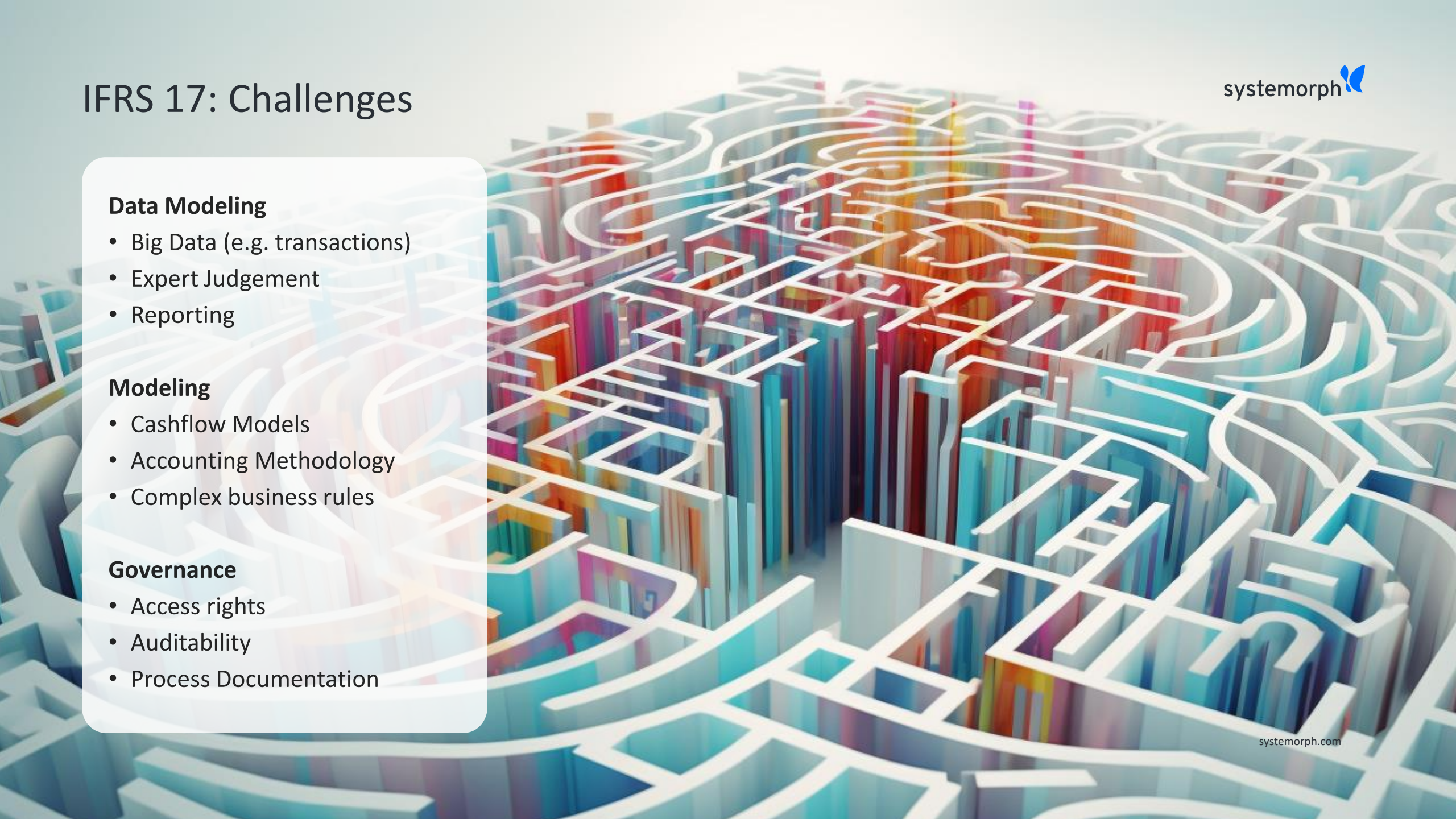

Data Modeling

- Big Data (e.g. transactions)
- Expert Judgement
- Reporting

Modeling

- Cashflow Models
- Accounting Methodology
- Complex business rules

Governance

- Access rights
- Auditability
- Process Documentation

What do we hear on “IFRS17 Projects” from the market?

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Common Solution Approaches

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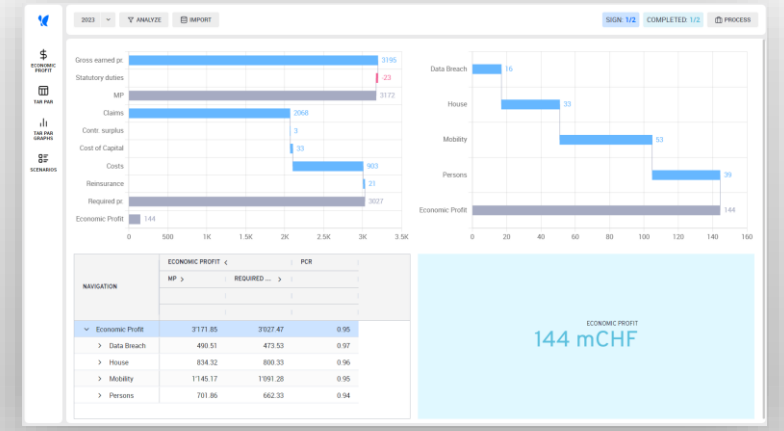
Technology zoo

Data pipelines



Business App

Pros and Cons of Excel

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Fast
WYSIWYG

Difficult to write
Impossible to maintain

```
=IF(AND(C13=0,D13<>0),D13,IFERROR(D13/C13,)*(N13+IF('Calculation NL'!$AE$25="Yes",'Calculation NL'!Y$25/100*IF('Calculation NL'!Y$25<0,-$F$137,$G$137),
0)+IF('Calculation NL'!$AE$24="Yes",'Calculation NL'!Y$24/100*IF('Calculation NL'!Y$24<0,-$F$137,$G$137),0)+ABS(N$188)*IF(N$188>0,$G$137,$F$137)*100))
```

Evolution

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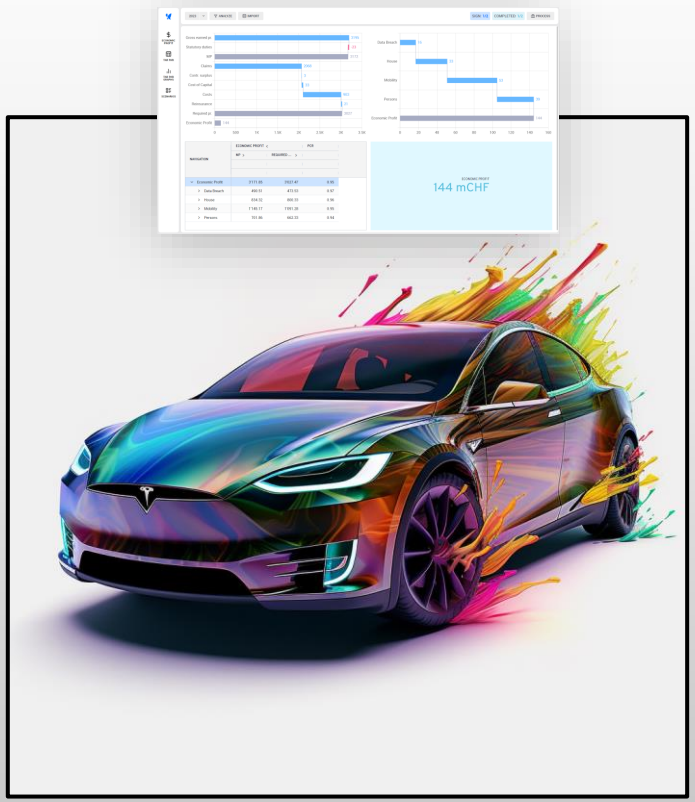
1990, High maintenance, high consumption/costs

2005, Modern components
Predictable costs



Today, individually connected
low maintenance/costs

Business Applications

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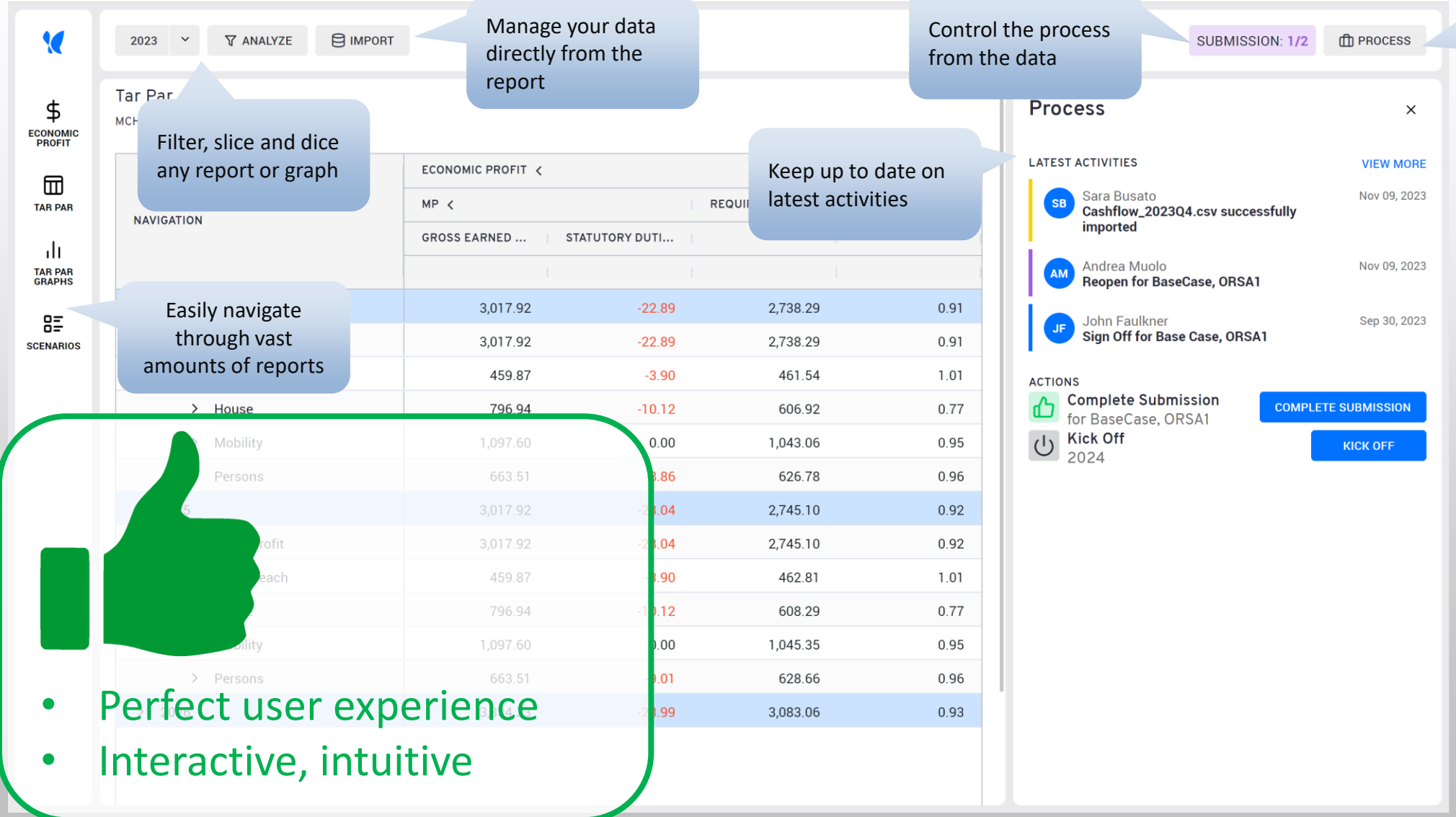

Cons of Business Applications

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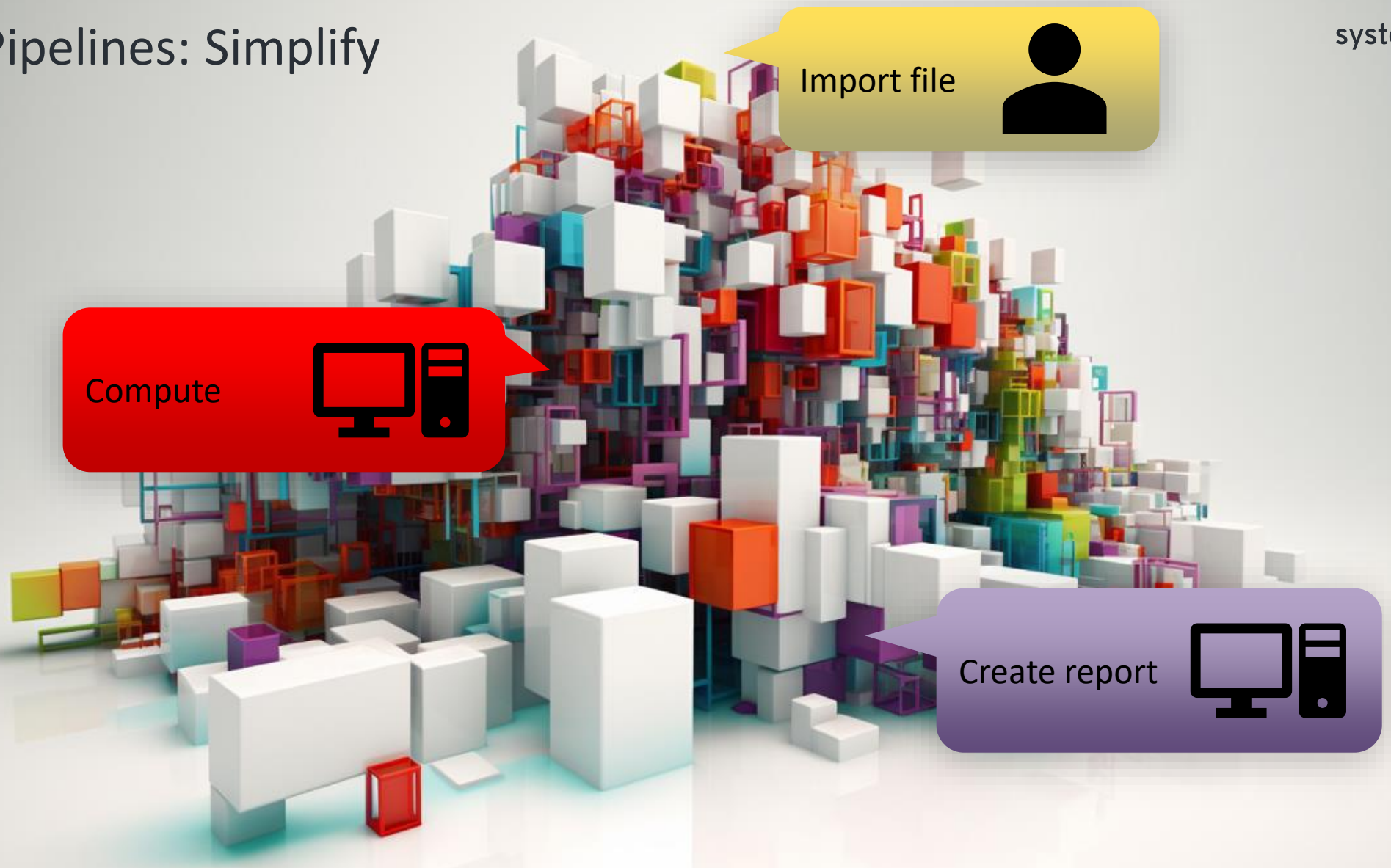
- Complexity
- High budget

Data Pipelines: Simplify



The “One Way” Chain Reaction

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Source: The Way Things Go - A Chain Reaction by Peter Fischli & David Weiss, Icarus Films, https://www.youtube.com/watch?v=GXrRC3pfLnE

No Dialogue Possible

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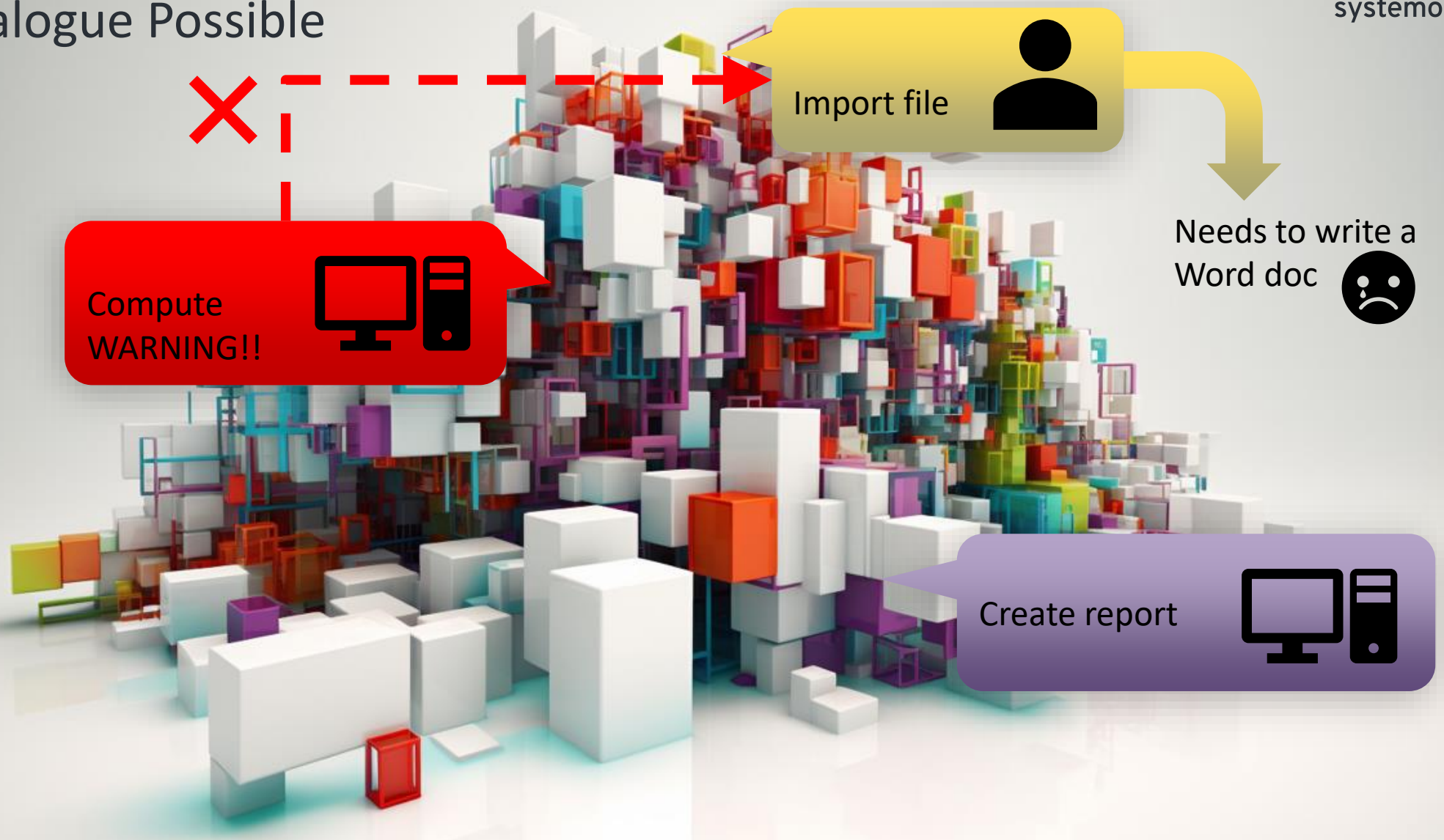

Business Application Conversation

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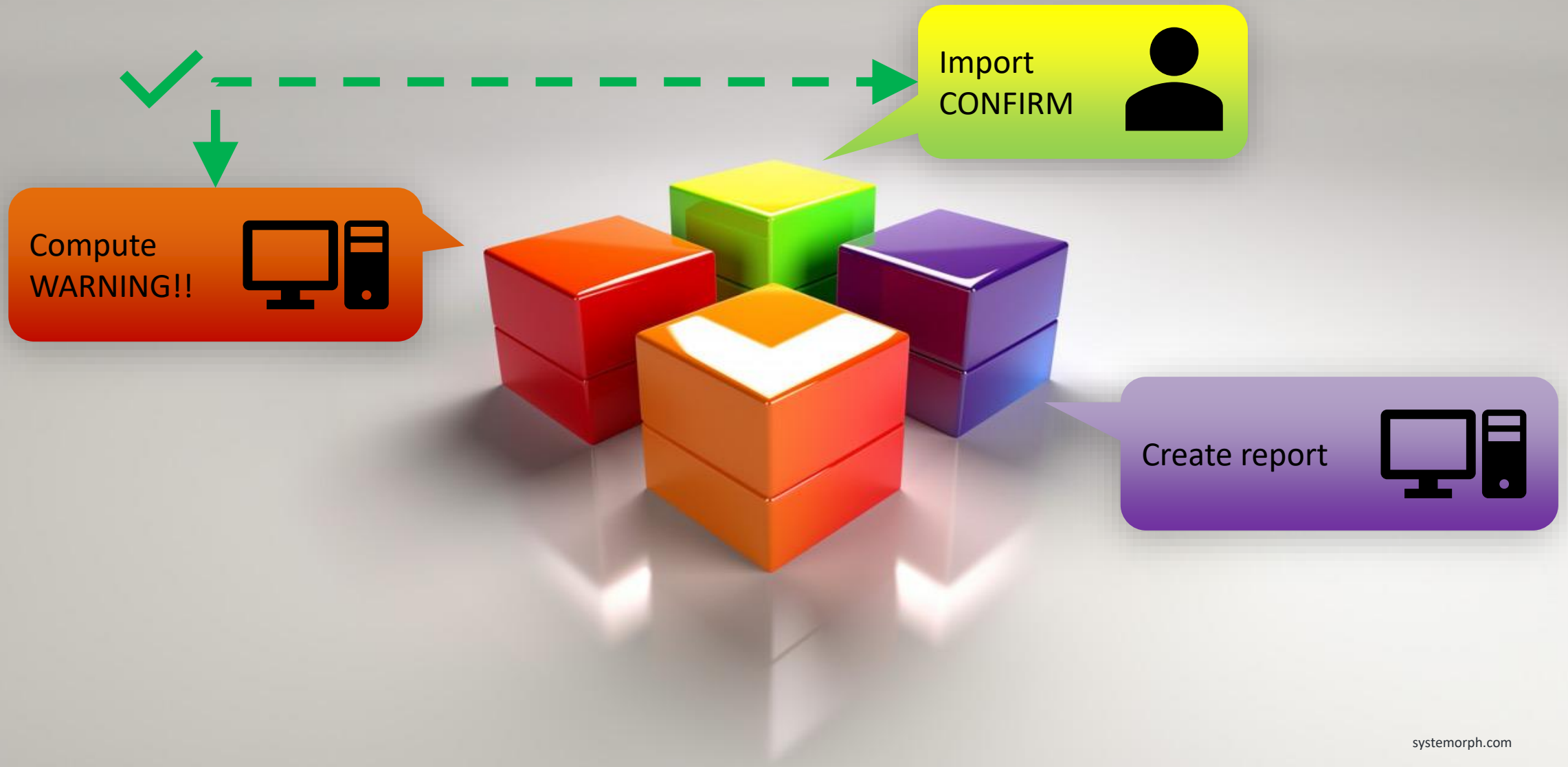

Business Application Conversation in Action

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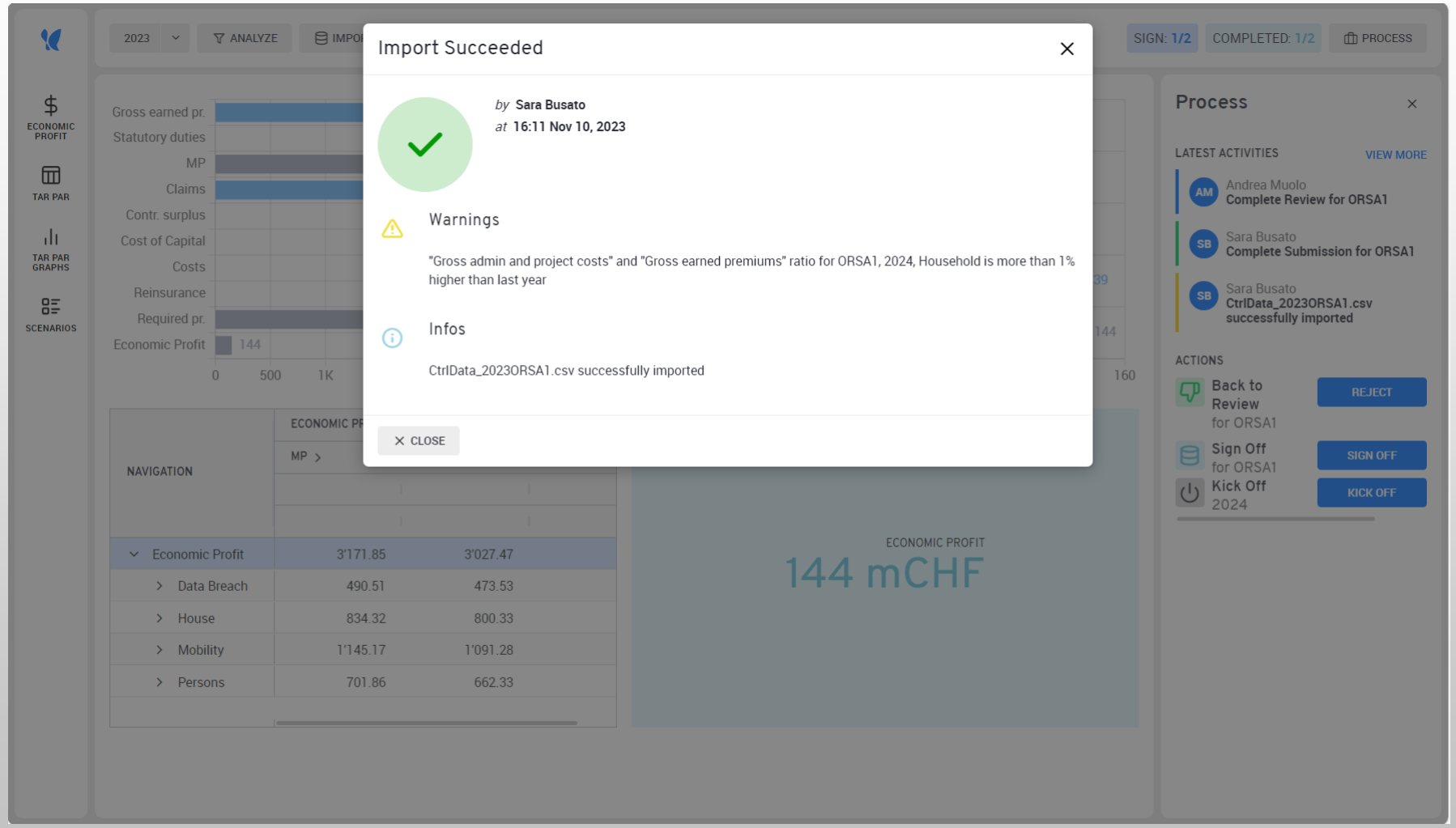

Internet = Address Computers

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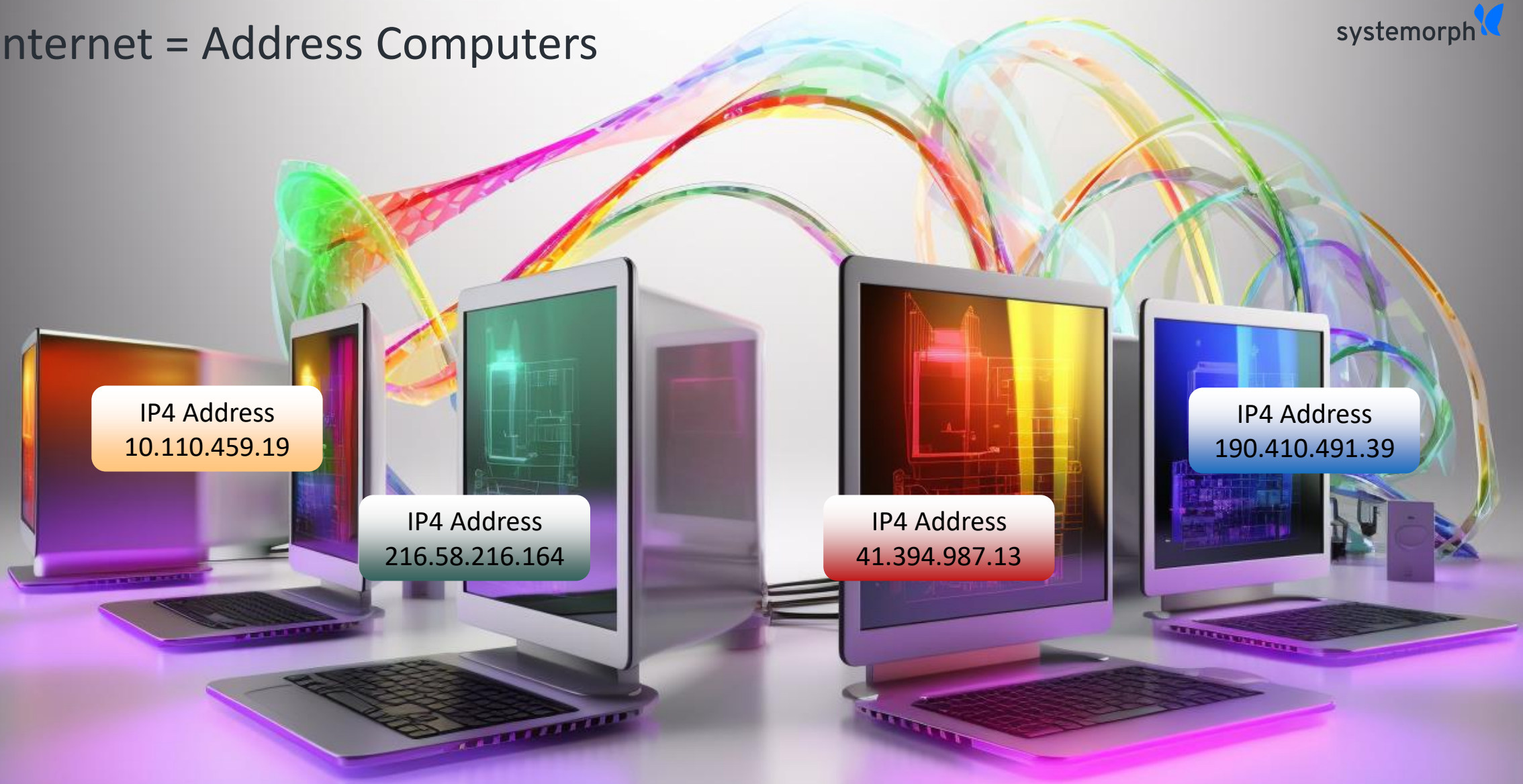

Cloud = Address Data

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Scenario Analysis

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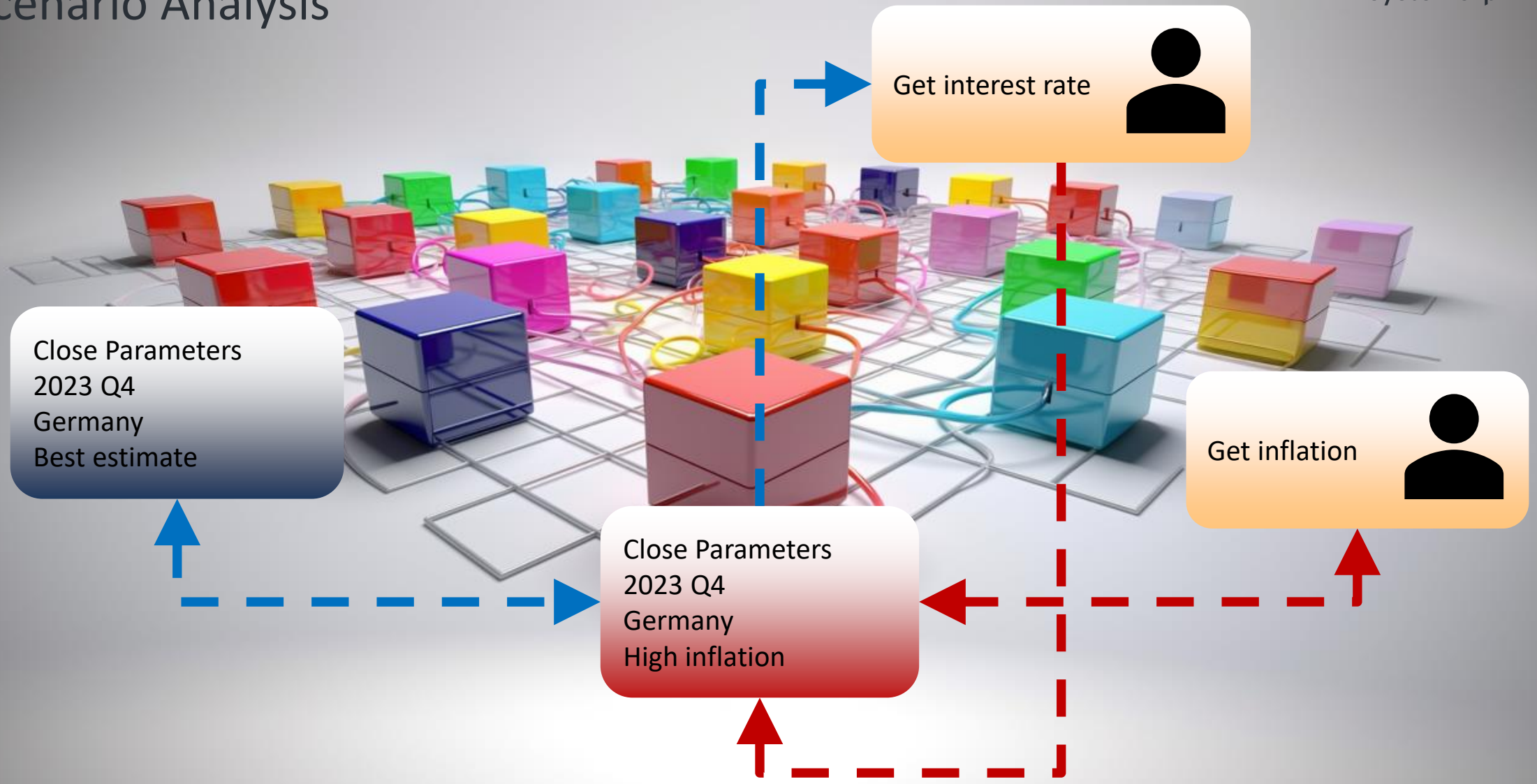

The Systemorph IFRS17 Use Cases

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Accounting

Reporting

Steering

Transforming

Cons of Business Applications

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- Complexity
- High budget

Open Source IFRS17 Calculation Engine

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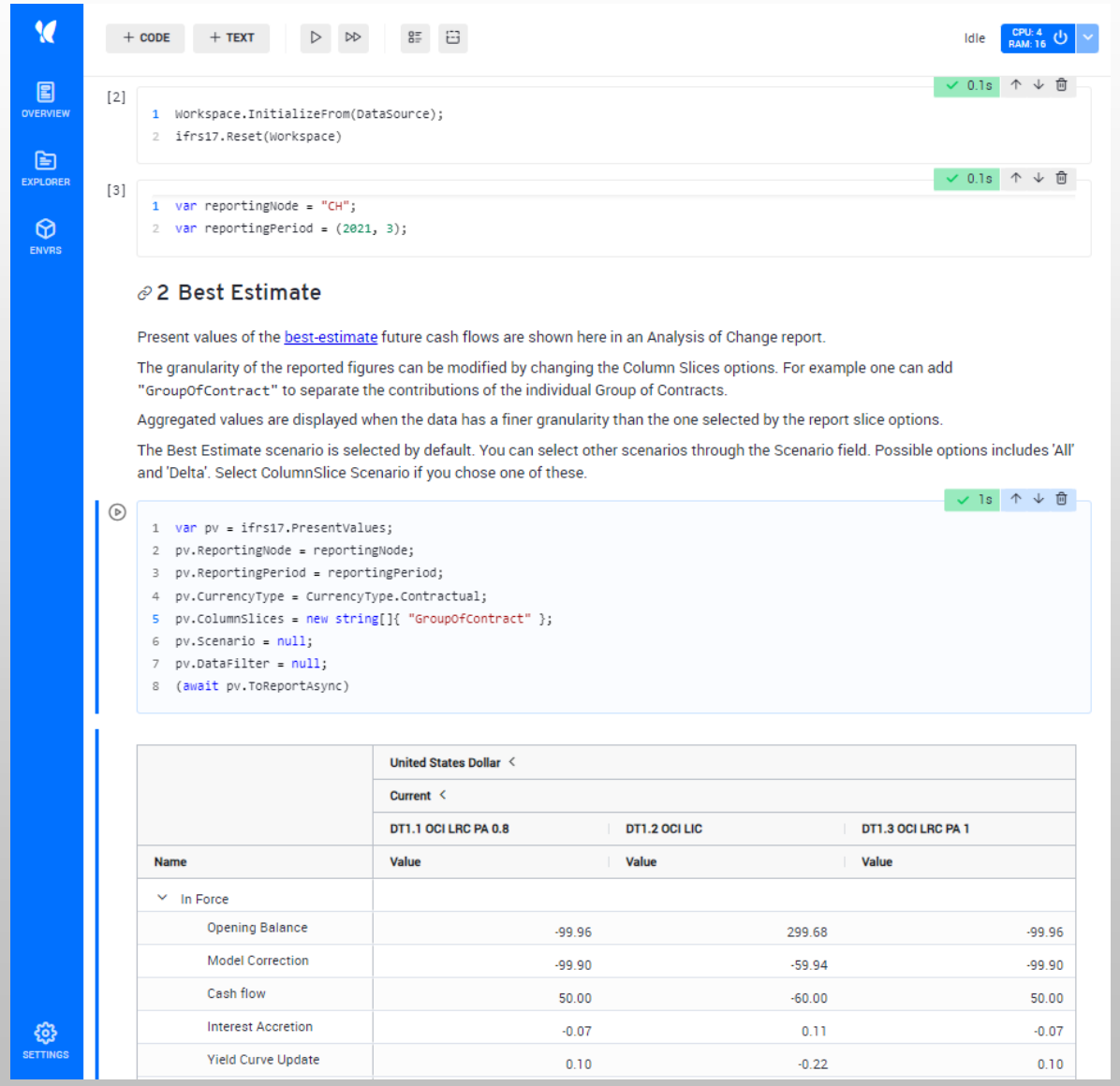

- Full open source IFRS17 Solution
- Our Computational Notebooks serve as:
  - Specification
  - Data
  - Source code
  - Reports
  - Documentation
- Adapt the standard solution to your needs

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Business Applications

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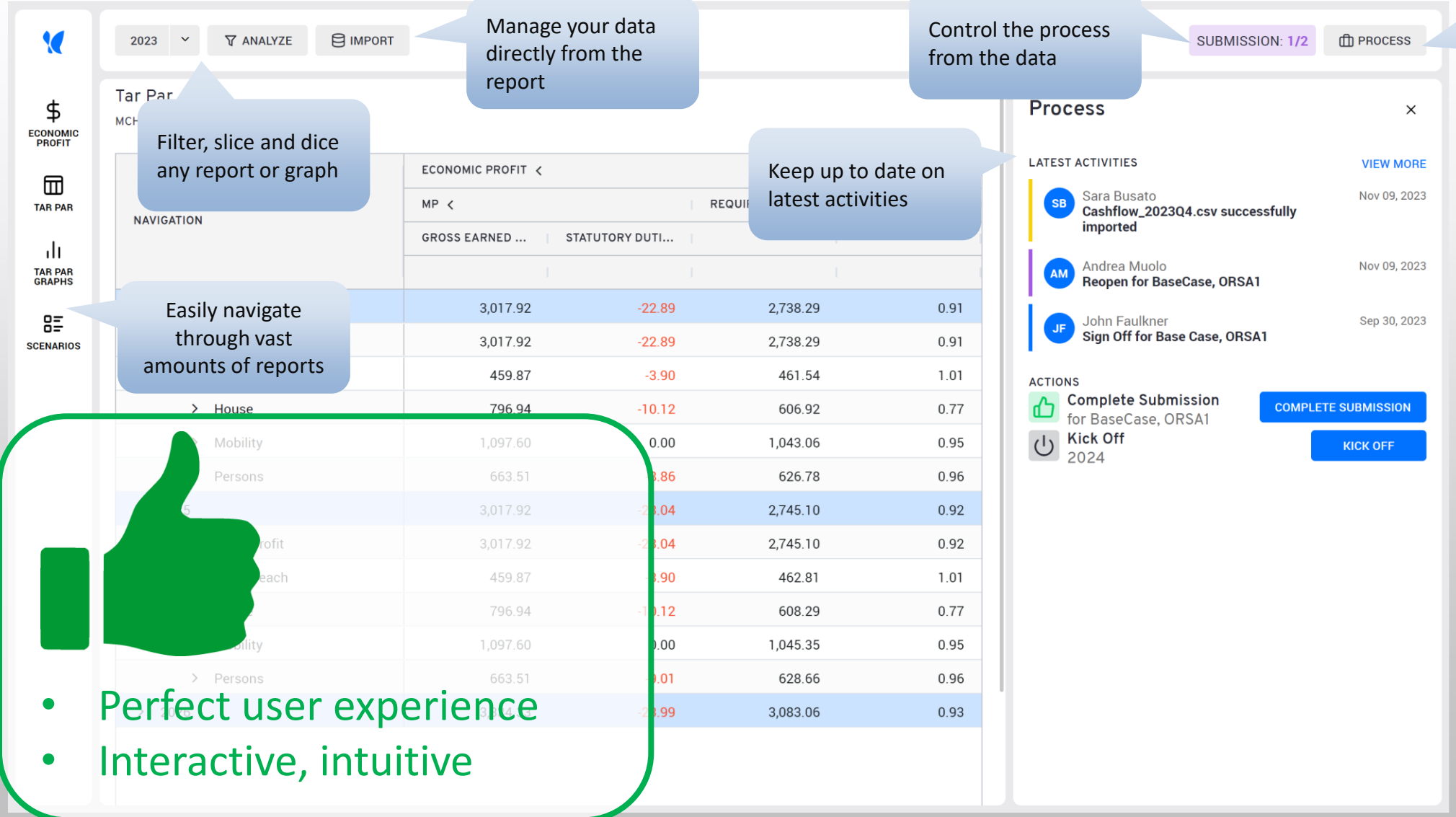
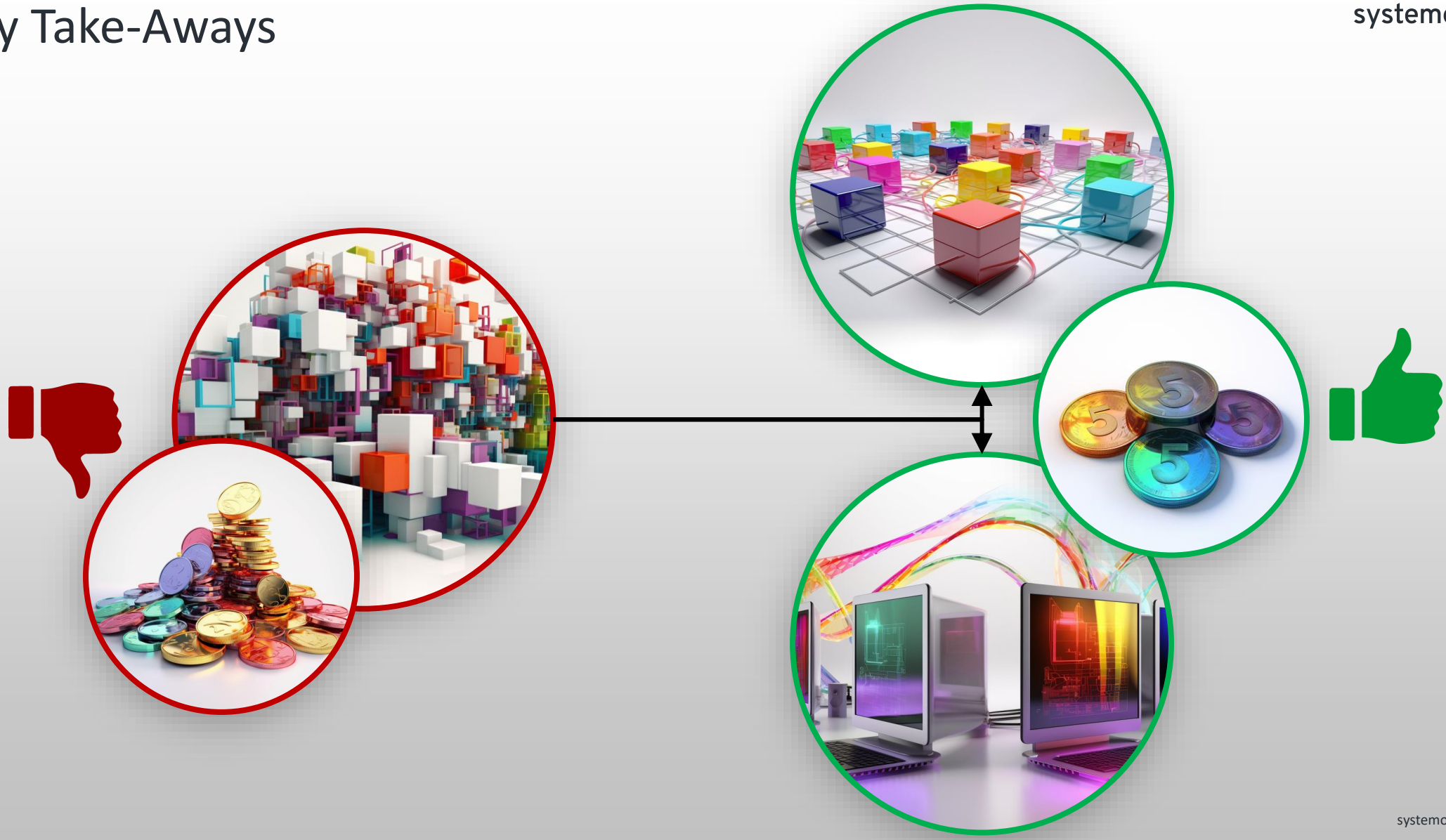


Key Take-Aways

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