Expert Services Offering:
Platform Intelligence

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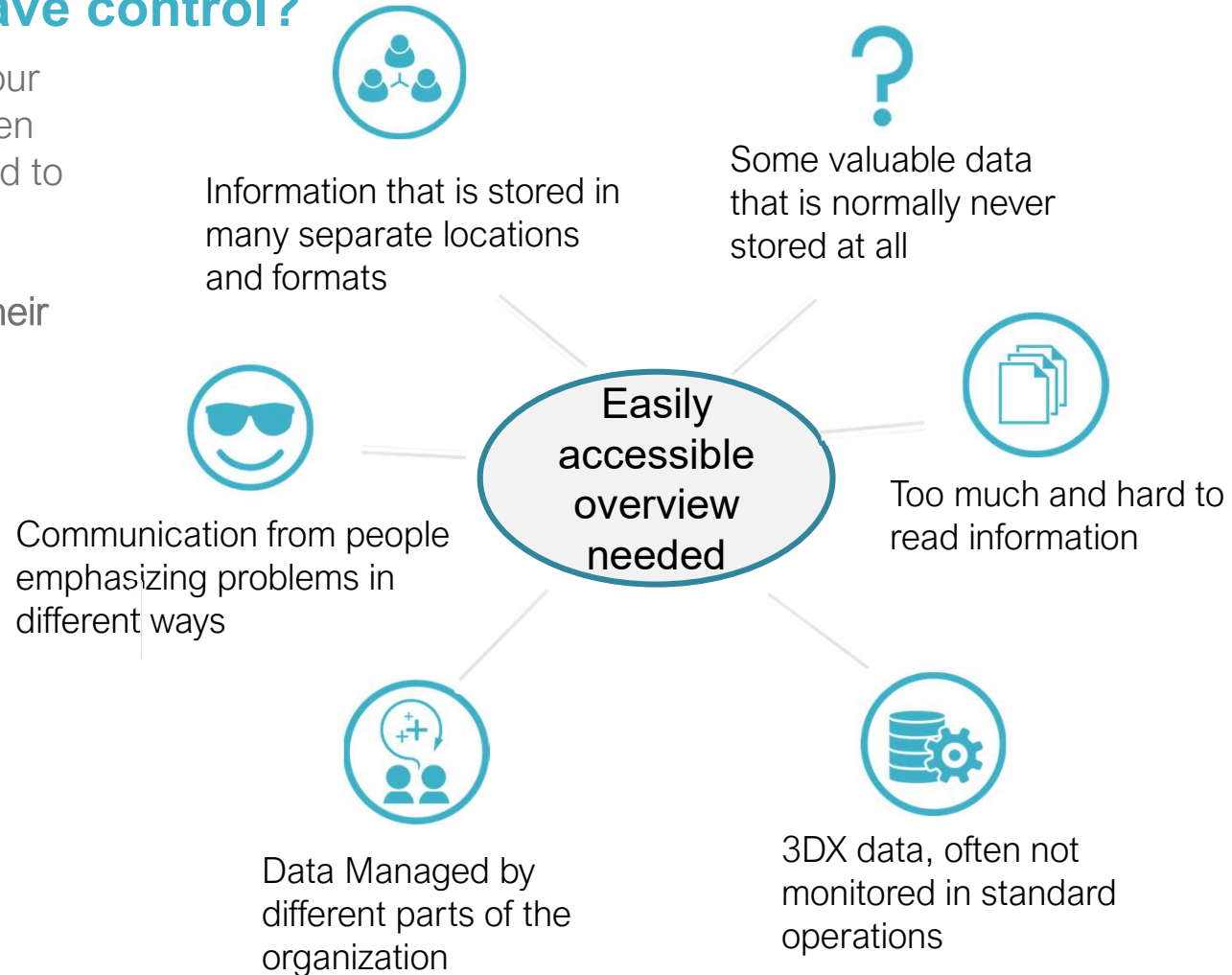# Optimizing operations with Platform Intelligence

To ensure maximum value of your 3DX investments keeping a high control of your system with regards to responsiveness, stability and usage is essential. Increase of easily accessible and understandable information around your 3DEXPERIENCE operations with data driven insight delivered with the TECHNIA Value Tool **Platform Intelligence** will help you take appropriate decisions and actions to optimize performance, stability and user satisfaction

Smooth system operations

Identify problems and analyse trends

Understand how the system is used

Value based spending

Proactiveness and transparency

HIGH

Reacting to emergencies

Hard to identify complex problems

Hard to know how the system is used

Problems impacting the business

Not sure if effort is spent wisely

SYSTEM CONTROL

LOW

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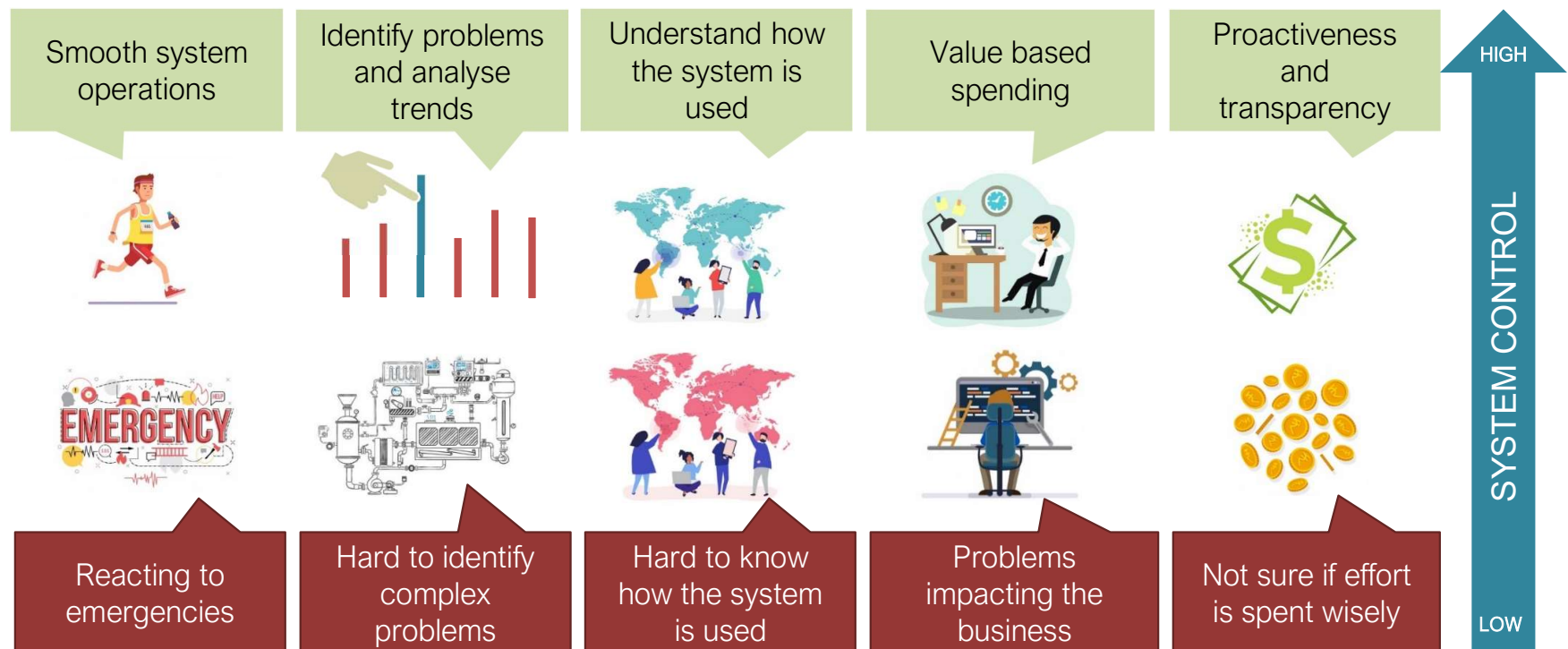
The Data – why is it so hard to have control?

Overview and understanding of patterns in behaviour of 3DEXPERIENCE, infrastructure, usage etc is often needed to draw the conclusions, but also often hard to achieve and missing

Even for companies with great general control of their operations the most important information directly from 3DX is often not included.

Information that is stored in many separate locations and formats

Some valuable data that is normally never stored at all

Easily accessible overview needed

Too much and hard to read information

Communication from people emphasizing problems in different ways

Data Managed by different parts of the organization

3DX data, often not monitored in standard operations

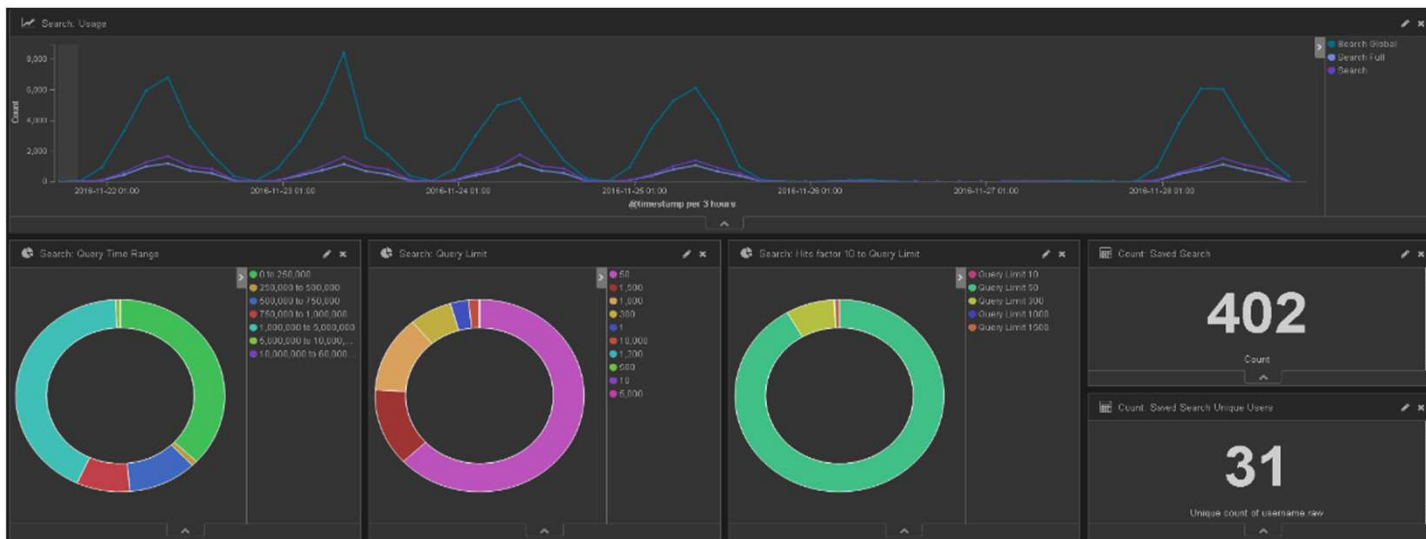# The Solution: Efficient Visualization of Data

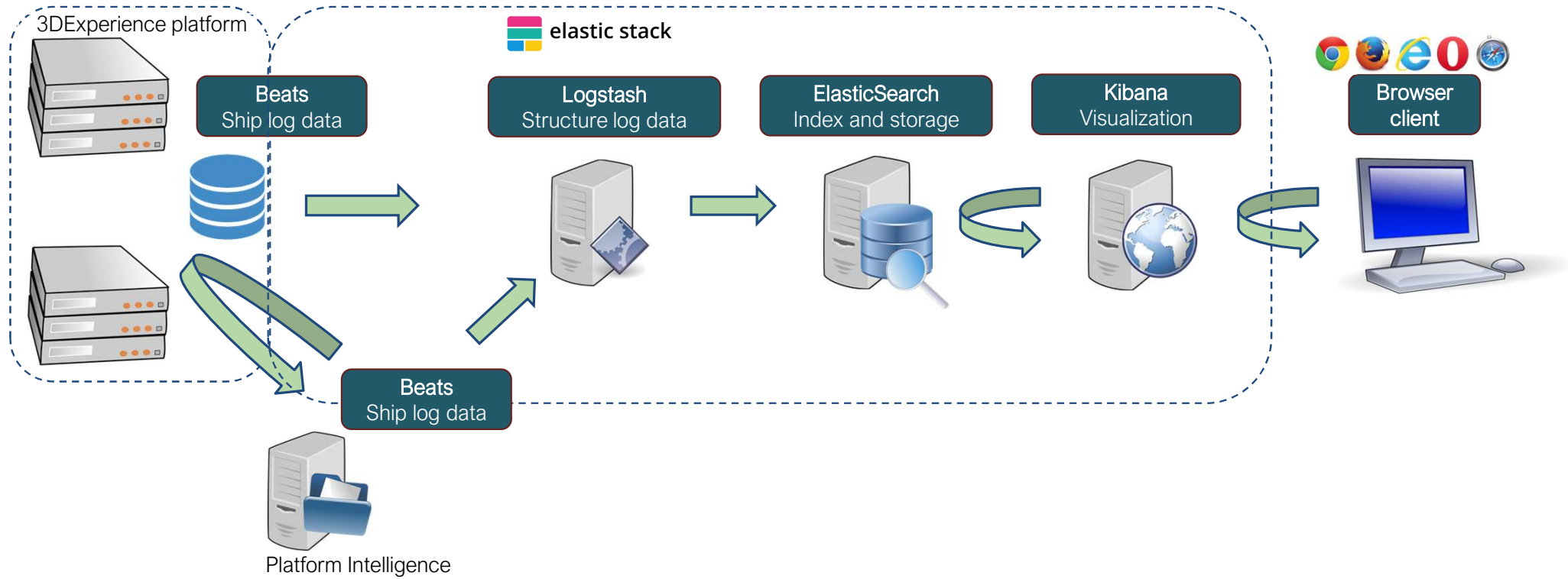Extract and collect 3DEXPERIENCE and operational data, with minimal impact on the system
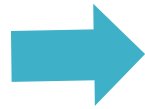
Align and visualize data in selected Dashboards (with Elastic Stack)

➢ Concurrent analysis of all key 3DX data
➢ Helicopter view of system health
➢ Spot anomalies early
➢ Quality assured facts rather than hearsay
➢ Drill down into selected data to see details
➢ Zoom in on specific time intervals
➢ Real-time analysis
➢ Compare presence with history
➢ Predict the future by trend analysis
➢ Visualization of patterns in behaviour
➢ Get notified in time with alerts

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Technical Overview – Platform Intelligence

3DExperience platform

elastic stack

Beats
Ship log data

Logstash
Structure log data

ElasticSearch
Index and storage

Kibana
Visualization

Browser client

Beats
Ship log data

Platform Intelligence

Extract → Collect → Index → Visualize
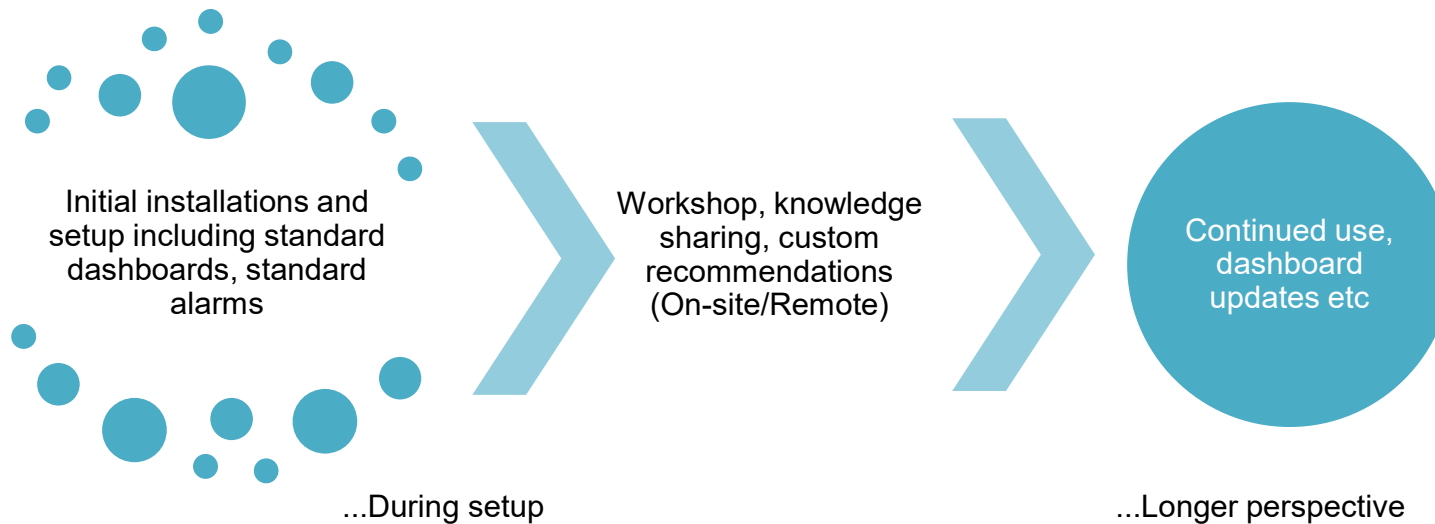
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Overview

As an initial step we install Platform Intelligence in your environments with basic dashboards typically useful for all 3DX environments to get you started.

In a 1-2 day workshop together we will get you introduced in usage, functionality and setup along with how to best use and develop the solution going forward.

Typically duration of initial setup and workshop is 5-10 man days.

Initial installations and setup including standard dashboards, standard alarms

Workshop, knowledge sharing, custom recommendations (On-site/Remote)

Continued use, dashboard updates etc

...During setup

...Longer perspective

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...or ask your current TECHNIA contacts to reach out to us

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