

# Seamless Integration from Project to Operations

Manage all asset-related information and communication across the entire asset lifecycle – from design, to build, to operate & maintain – with Thinkproject's Enterprise Solution – an integrated suite for Stakeholder Collaboration, BIM Management and Asset Management to allow for an intelligent, data-centric way of working.

# How to keep all the balls in the air?

**As an Asset Manager:** how do you guarantee the continuous performance of your infrastructure assets?

**As a Project Manager:** how do you realise new assets that will meet all lifecycle requirements?

**As a Stakeholder:** how do you know that your interests are really taken into account?

Owners of critical infrastructure have great responsibility. Without the supply of electricity and the provision of a stable public infrastructure network, modern society would not be able to function. Designing, building, operating and maintaining an entire asset portfolio in a continuously changing world, while working together with numerous external partners and suppliers across all lifecycle stages, is quite a challenge.

## Challenging tasks at hand

- make decisions with great impact
- anticipate – often unknown – future developments
- substantiate past decisions and actions to prevent claims
- meet ever higher expectations with often constant or decreasing budgets
- manage an increasing number of projects at the same time
- communicate satisfactorily with all stakeholders
- take care of your organisation's image and prevent negative press coverage
- base all your decisions and actions on up-to-date, reliable, and complete information

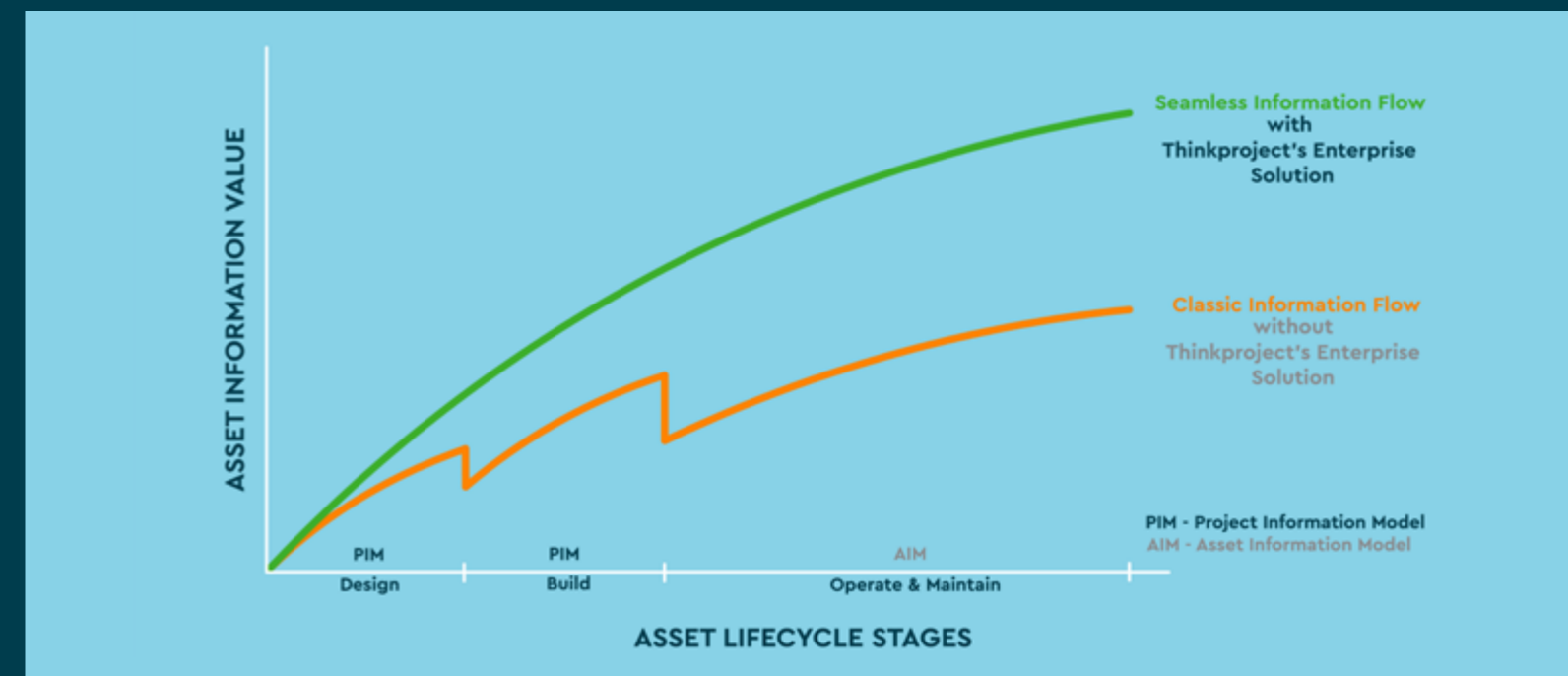
These challenges can really keep you awake at night. How can you keep all the balls in the air?

# Towards Integration

The successive stages in the asset lifecycle require their own implementation teams with their domain-specific way of dealing with information. This is a major pitfall for the availability and consistency of reliable asset information. Moreover, for good reasons, the owner's Asset Management database is often not available for external partners and suppliers, who see no other way than using their

own information systems. And usually, the different systems are not compatible.

Wouldn't it be great to have an all-encompassing, reliable and accessible information system, like a linking pin, with which information transfer between stages becomes obsolete?



Information flow with and without Thinkproject's Enterprise Solution, in line with ISO19650

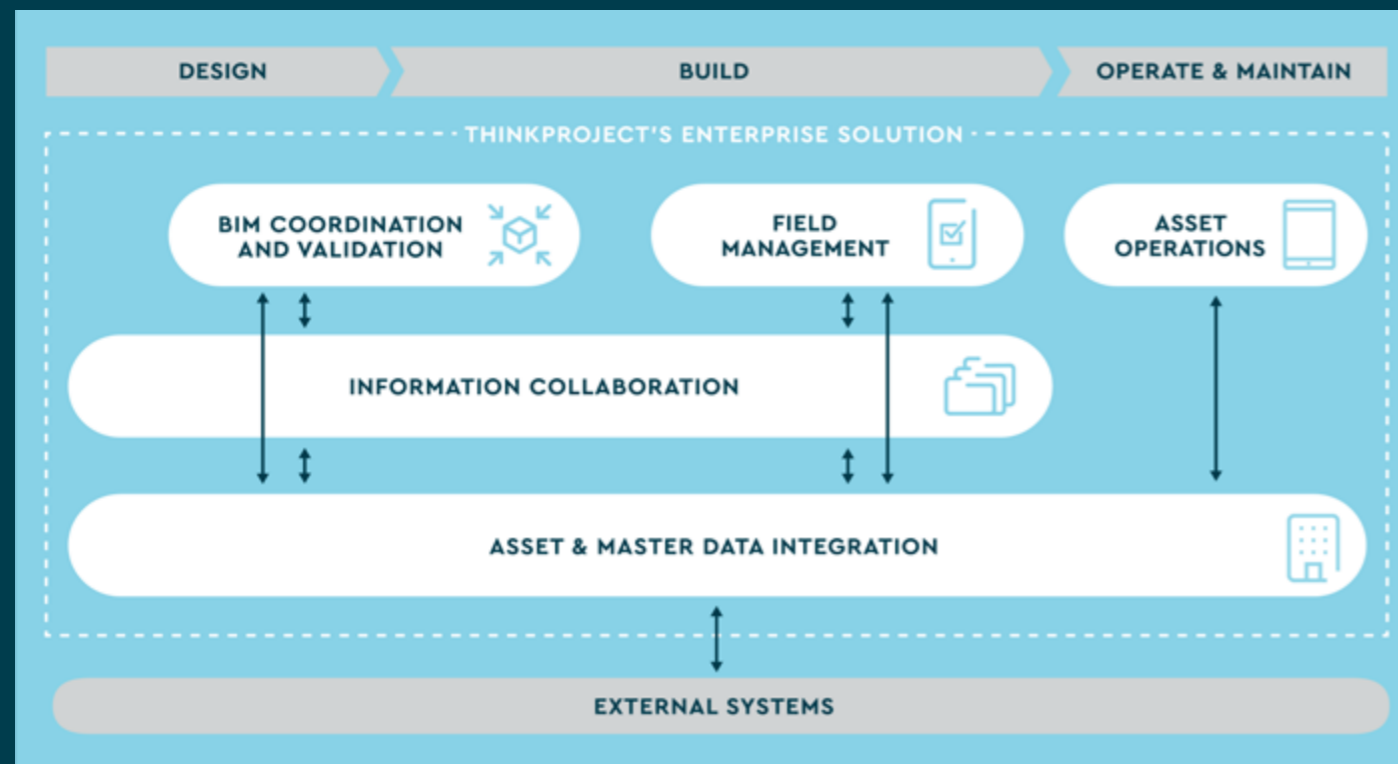
With the **classic information flow**, the information value drops at the transfer moments between the different stages. What's more, during handover, data is often created from scratch, because Asset Managers need a different representation of the information than Project Managers.

Acting as a central information hub, Thinkproject's Enterprise Solution enables a **seamless information flow**. Seamless information integration from project to operations prevents information loss. The further in the lifecycle, the greater the difference in information quality.

# Thinkproject's Enterprise Solution

Thinkproject's Enterprise Solution is the linking pin which makes all information related to assets accessible and provided with context: building information (BIM) and asset information (AIM) as well as asset requirements, risks, decisions and stakeholder

information. They are visible for all collaborating parties, depending on their roles and permissions. A secured environment guarantees that only authorised persons can view or modify the data.



Thinkproject's Enterprise Solution across the main phases of the asset lifecycle

## Begin with the end in mind

The information backbone is the **Asset & Master Data Integration** with the Object Type Library (OTL) defined by the Asset Manager: a hierarchical asset repository that is used during all lifecycle phases. It serves as a common structure that guarantees a cohesive and

consistent model of all interdependent information. By using the asset structure from design phase onwards, you begin with the end in mind. Moreover, it is open to connect with external systems for specific use cases – outside of information management.

### All related tasks along the asset lifecycle are linked to the asset repository:

- **Information Collaboration:** Document and Data Exchange with Stakeholders, Review Processes, Decisions, Queries, Contract Management
- **BIM Coordination and Validation:** Viewing, Clash Detection, Scheduling, Quantity takeoff
- **Field Management:** Inspections, Defects, Equipment Commissioning
- **Asset Operations:** Asset Requirements, Planned and Unplanned Maintenance, Asset Assessments, Asset Portfolio Reporting

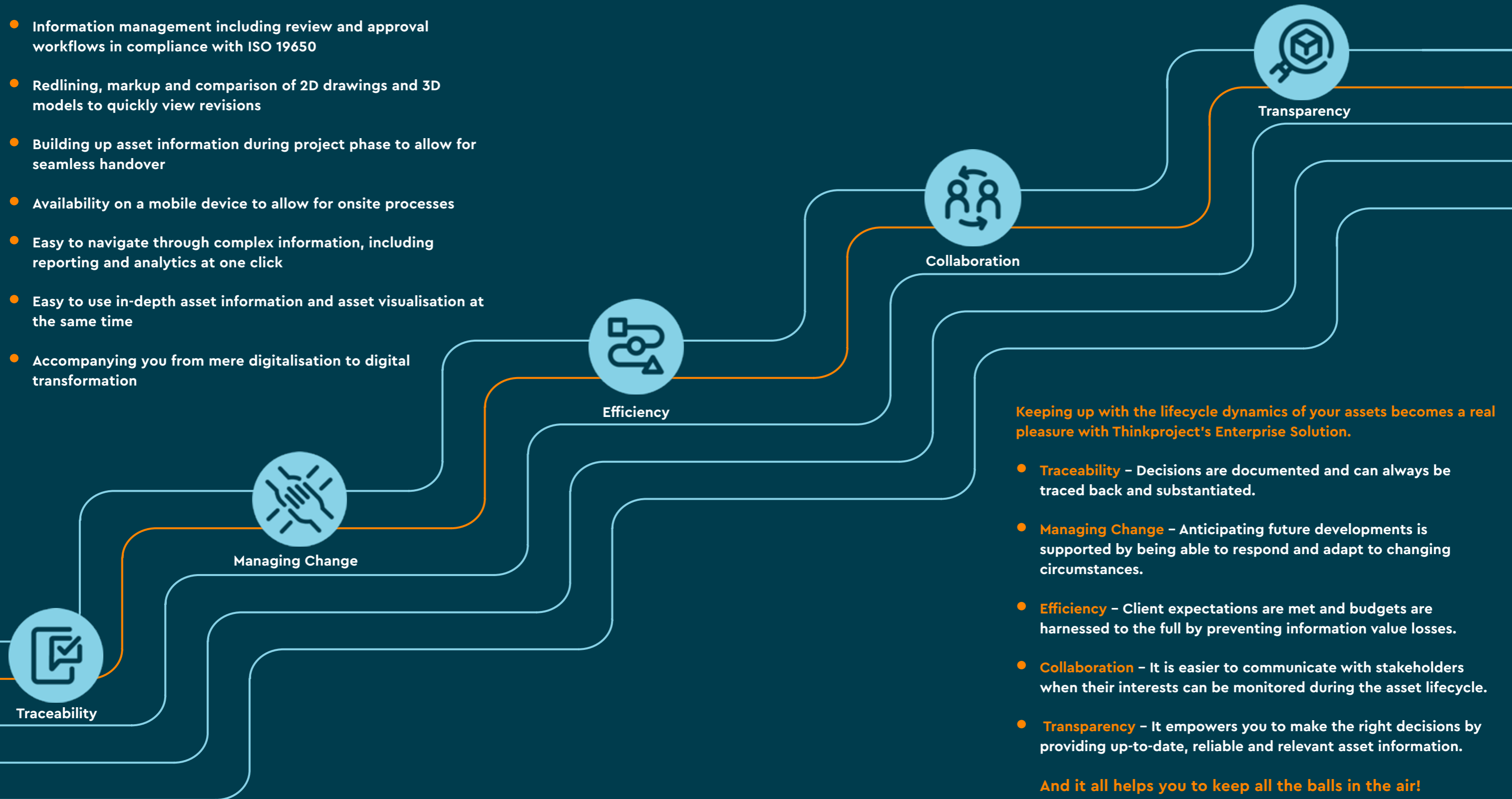
## Compliance and Security

Thinkproject's Enterprise Solution is a SaaS Solution, accessible via web browser. It supports the standards ISO 55000 (Asset Management), ISO 19650 (BIM and CDE), and ISO 27000 (Information security). Thinkproject itself is ISO 27001 accredited.

# Benefits

## Highlights

- Information management including review and approval workflows in compliance with ISO 19650
- Redlining, markup and comparison of 2D drawings and 3D models to quickly view revisions
- Building up asset information during project phase to allow for seamless handover
- Availability on a mobile device to allow for onsite processes
- Easy to navigate through complex information, including reporting and analytics at one click
- Easy to use in-depth asset information and asset visualisation at the same time
- Accompanying you from mere digitalisation to digital transformation



# About Thinkproject

Europe-based Thinkproject is a leading construction and engineering SaaS provider. Turning intelligence from data and industry experts into an advantage for customers, it is at the forefront of the digitalisation and transformation of the AECO industry.

With 750+ employees worldwide, Thinkproject provides digital solutions enabling the management of asset lifecycles to:

# 3,250

CUSTOMERS AND MORE THAN

# 300,000

USERS, IN OVER

# 60

COUNTRIES

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