DIGITAL TWIN

COSMOTECH
Find Your Forward

Simulation Digital Twins

THE OPPORTUNITY

Most organisations are complex and continuously evolving and as such depend on the smooth operation of multiple unique, moving parts. For operating models to be optimised, business leaders need a holistic view of their organisation that relates to operational resources and processes like people, technologies, and finances. However, achieving this is a challenge for many companies as limited visibility into the interactions among employees, subsidiaries, suppliers and physical assets can leave operational managers with a fragmented picture of their organisation and a weak foundation for building action plans to increase performance.
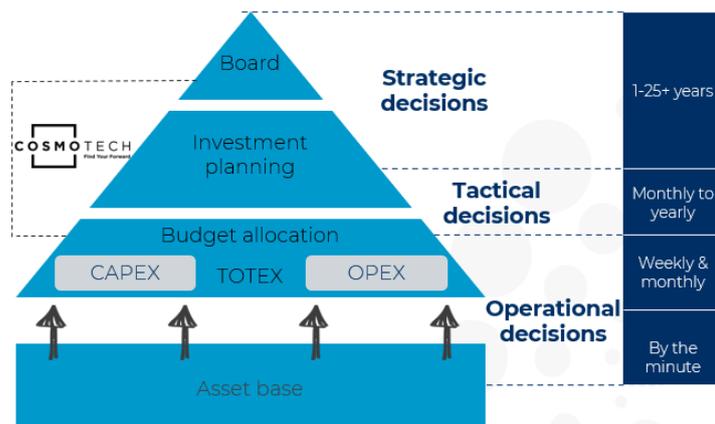
THE SOLUTION

With the development of Simulation Digital Twins, decision makers can virtually test their action plans before implementing them, obtain an optimal, executable strategy to achieve their goals and meet their KPIs, and show every step of this operational plan with total transparency. Our partner Cosmo Tech provides simulation capabilities of unique accuracy that enables managers to optimise the performance of asset management activities. This allows for existing maintenance policies to be challenged, alternative strategies tested under operational constraints and provide a means for unified operations and maintenance planning in an integrated framework.

Let us take you on a journey to turn hindsight into foresight.

KEY BENEFITS

⇒ Simulate the dynamic evolution of complete operational systems and subsystems

⇒ Generate optimised and reliable plans for meeting KPIs using predictive and prescriptive functions

⇒ Provide step-by-step implementation instructions for short, medium and long-term action plans

⇒ Implement quickly and scale from a defined project to the complete industrial value chain

APPROACH & DELIVERABLES

⇒ Combination of asset management expertise for landscape and data evaluation with implementation of Simulation Digital Twins

⇒ Delivery of model based on client data within the software, ready for simulation and scenario running