



Falcon SaaS Solution.

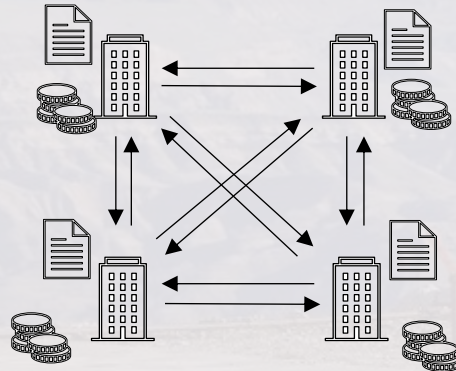
Supply Chain and Asset Management
platform powered by blockchain
technology

Elevating supply chains

By breaking data silos
By standardizing processes
By increasing transparency

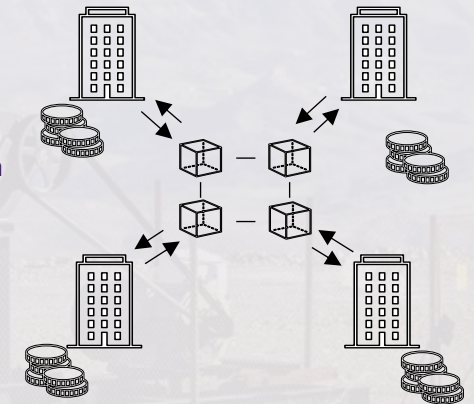
The inefficiencies of today...

- Procurement, inspections, certifications and tracking of hardware and material documented on paperwork
- Increased asset breakdowns (through lost maintenance guidelines)
- Low workforce productivity
- Increased counterfeiting
- Longer delivery times
- Lack of transparency
- Human errors



...end tomorrow with Falcon

- Streamlined, standardized, paperless and errorless procurement process that is adopted by the entire industry
- Equipment arrives with an immutable history and proof of authenticity
- One-click off-the-shelf procurement with a ready digital passport
- E2E equipment life cycle tracking: manufacturing, inspections, shipping, maintenance, repairs, ...
- Data enhanced decision making



Falcon: The first and only effort to create an industry wide solution

Falcon is a platform that serves all users of the industry in managing the **procurement of equipment and equipment lifecycle end to end** with transparent digitally accessible data

It starts with the creation of a **blockchain-based digital passport** for each piece of equipment, giving every authorized user easy access to all the information generated along its lifecycle in a **trustworthy, tricable** and **frictionless** manner

Industry adoption of Falcon facilitates transparency and usability and drives to **standardization**, harmonization, improved supply chain process and efficiency that benefits all clients



The digital passport is the foundation of the Falcon platform

A decentralized digital passport is a **unique digital representation** of a piece of equipment that is created with the procurement cycle and evolves throughout manufacturing activities. Capturing an **immutable history** from the design, it is integrated into run & maintain systems enabling a '**Single Source of Truth**' for the entire life-cycle of the equipment.

This creates **end-to end visibility** and enables verification with **Digital Signatures** which any authorized involved party can access and is not centrally controlled.*

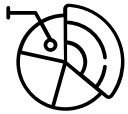
A digital passport aims to bring the physical equipment and its **digital representation** together



Business value



Immutable E2E data through verification of **digital signatures** readily available to all authorized users



Digitization of the asset management processes, **real time** data tracking and comprehensive data analysis



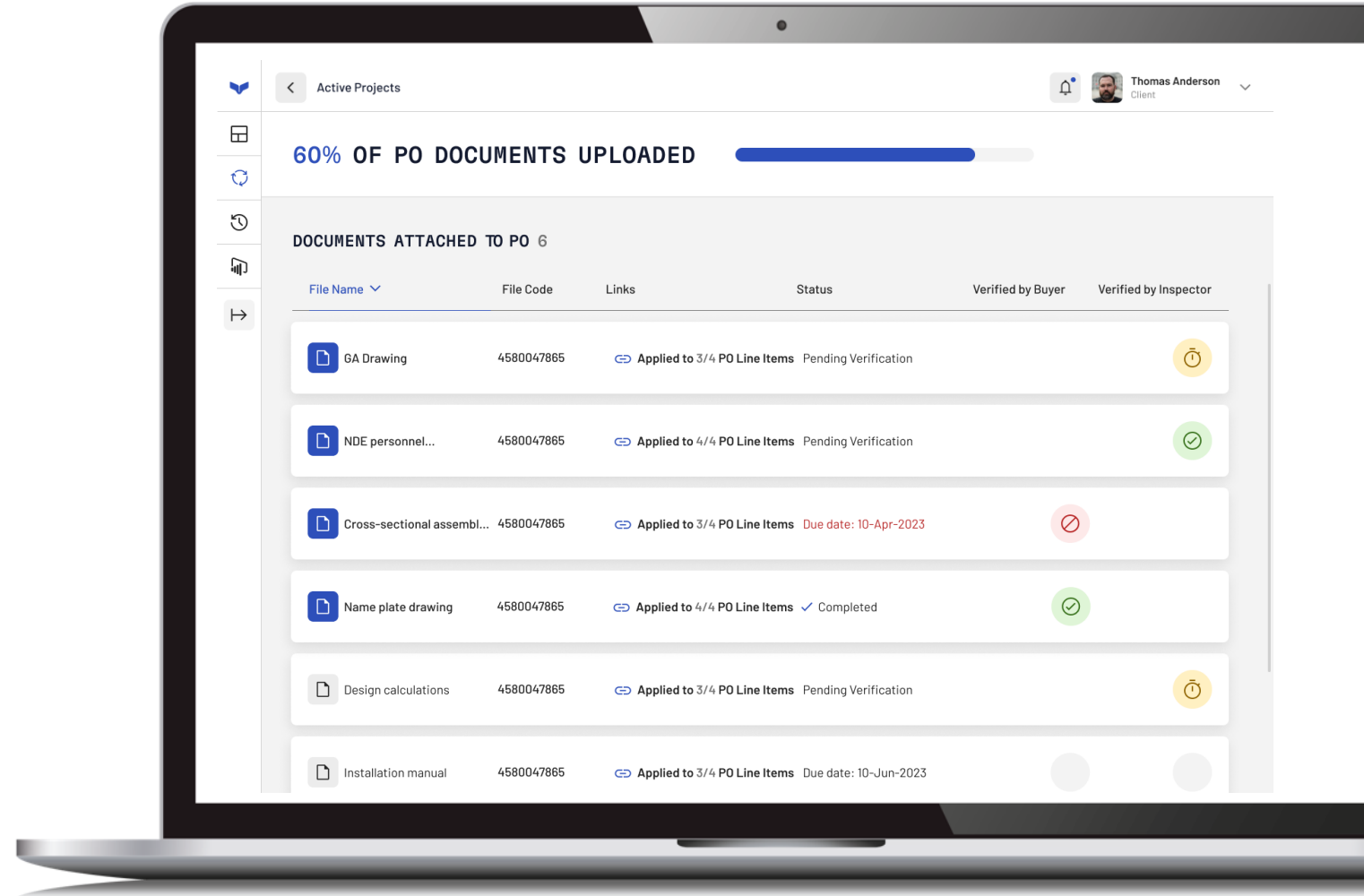
Elimination of manual processes, reduction of paperwork and enablement of easy access to critical information, promoting effective teamwork and productivity



Efficient workforce, reduced lead-times, reduced reactive-maintenance, increased equipment life-time



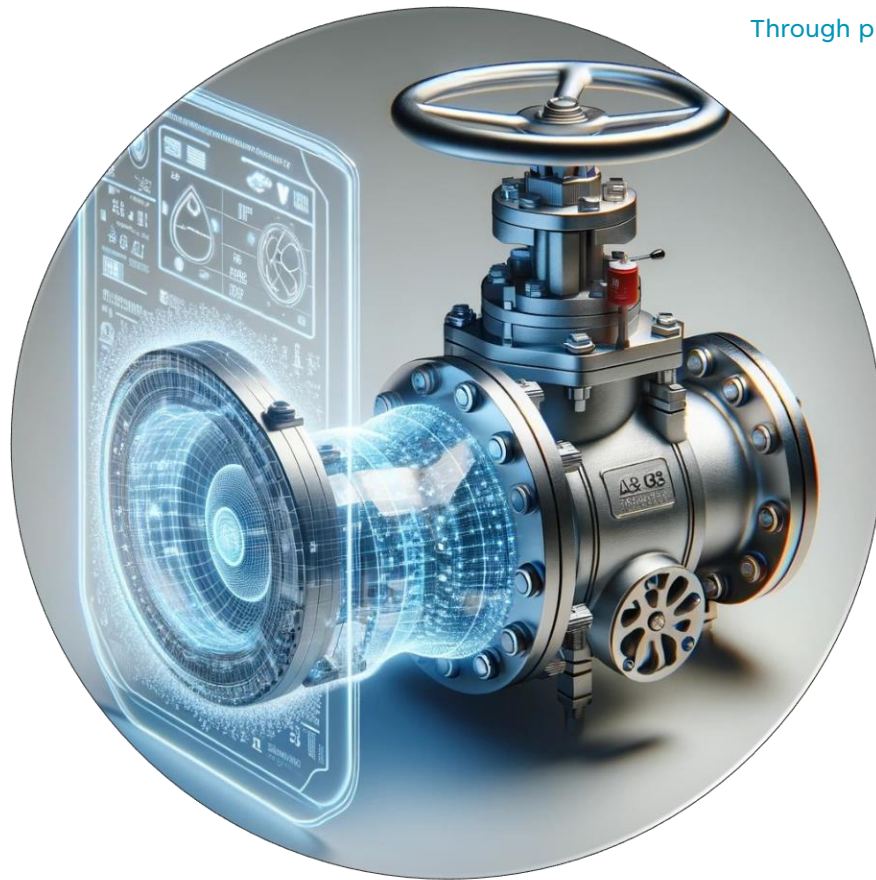
Easy incorporation of **new use cases and features** in line with evolving customer needs and expanding supply chain



Core design tenets and principles for an industry wide solution

To eliminate data silos by connecting to wider IT landscape

Through progressive increase of data captured and compatibility of Falcon to industry wide used systems



To establish operational and business Impact-free performance

Through Service independence for service scalability

To avoid counterfeit equipment, data breaches, and ensure compliance

Through Immutable E2E history of transactions at equipment level and role-based verifiable access control

To promote industry standards and collective decision making

Through a consortium governance to propose and accept modifications

To ensure organizations pay based on the value they derive

Through a transaction monitoring and billing service and SaaS and account management service

To rapidly onboard new processes corresponding to organizations, assets, equipment

Through templatization of industry standards like JIP33 and CFIHOS



Thank you.