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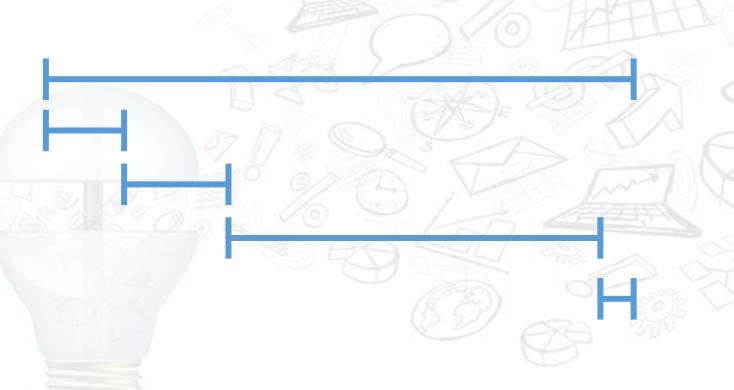
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Blockchain and the PI System

- 5 Blockchain
- 7 Blocxs & case study
- 15 Live demo
 - **3** Questions



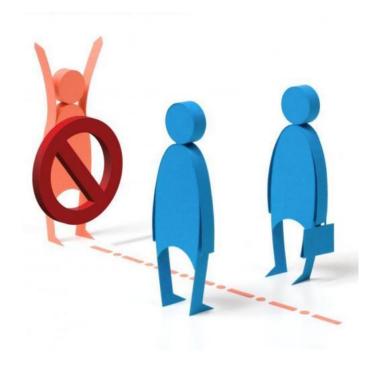




THE TRUST MACHINE

Trust the system

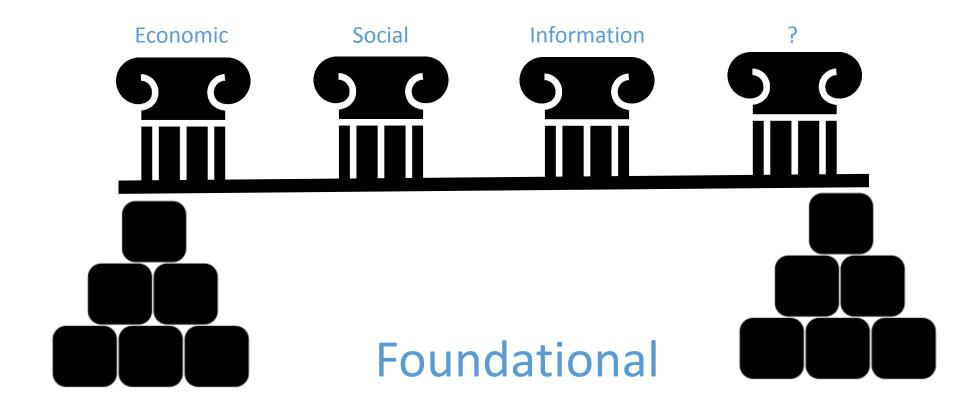
Remove intermediaries from the value exchange process







Disruptive







OXFORD BLOCKCHAIN STRATEGY FRAMEWORK



TES	☐ Is there a predictable, repeatable process that lends itself well to automation?
	☐ Is there an ongoing or long-running transaction or process, rather than a process that occurs only once
	☐ Are there multiple stakeholders in this process or value chain?
	☐ Is the role of reconciling disparate data usually played by one party or a limited number of parties?
	☐ Remembering that value is not only monetary, is there an element of value transfer?
	☐ Is there value in an immutable record? Or is an immutable record a requirement?





BLOCKS: A DUTCH CREATIVE BLOCKCHAIN COMPANY







Marco



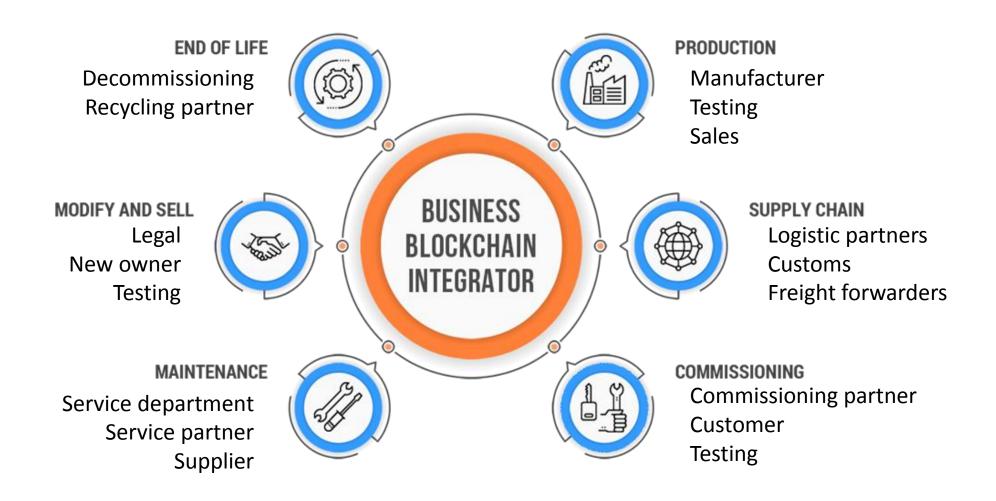


Peter





ASSET LIFECYCLE IN A NUTSHELL

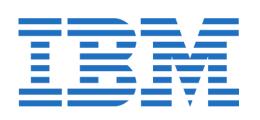








HYPERLEDGER



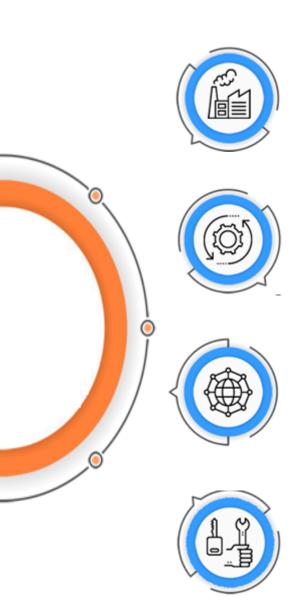








HYPERLEDGER CHANNELS



Main

Motor: Electric Aircraft Type: MK453

GS1 ID: 36286482429 Serial:

8947389

Date Production: 4-4-2018

Owner: Factory

Recycling

Owner: Discontinued Status: End of Life

Component: 123522 Component: 779440 Component: 233929

Logistics

DHL nr. 9483829 Date of Del: 5-4-2018

Status: Produced



OSIsoft Cloud Services

PI Server

Warehouse: Stock

Edge Data Historian

Commissioning

Test 12321: Ok Test 5848: Ok

Status: Installed

Comm. Date: 5-6-2018



Edge Data Historian



PI Server









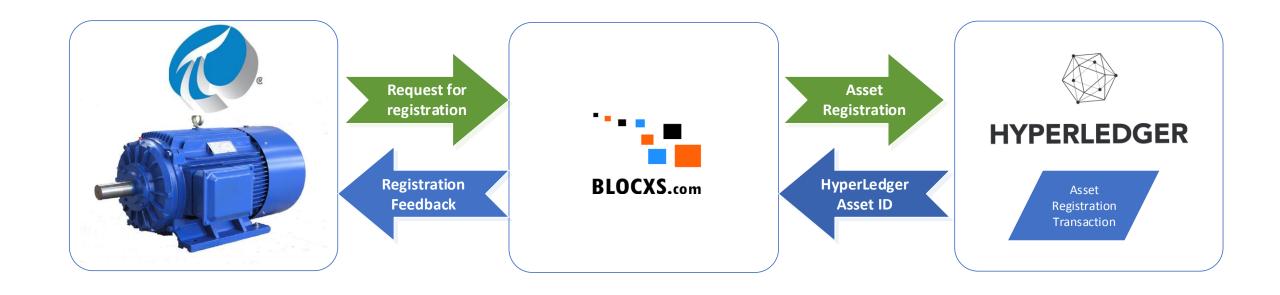




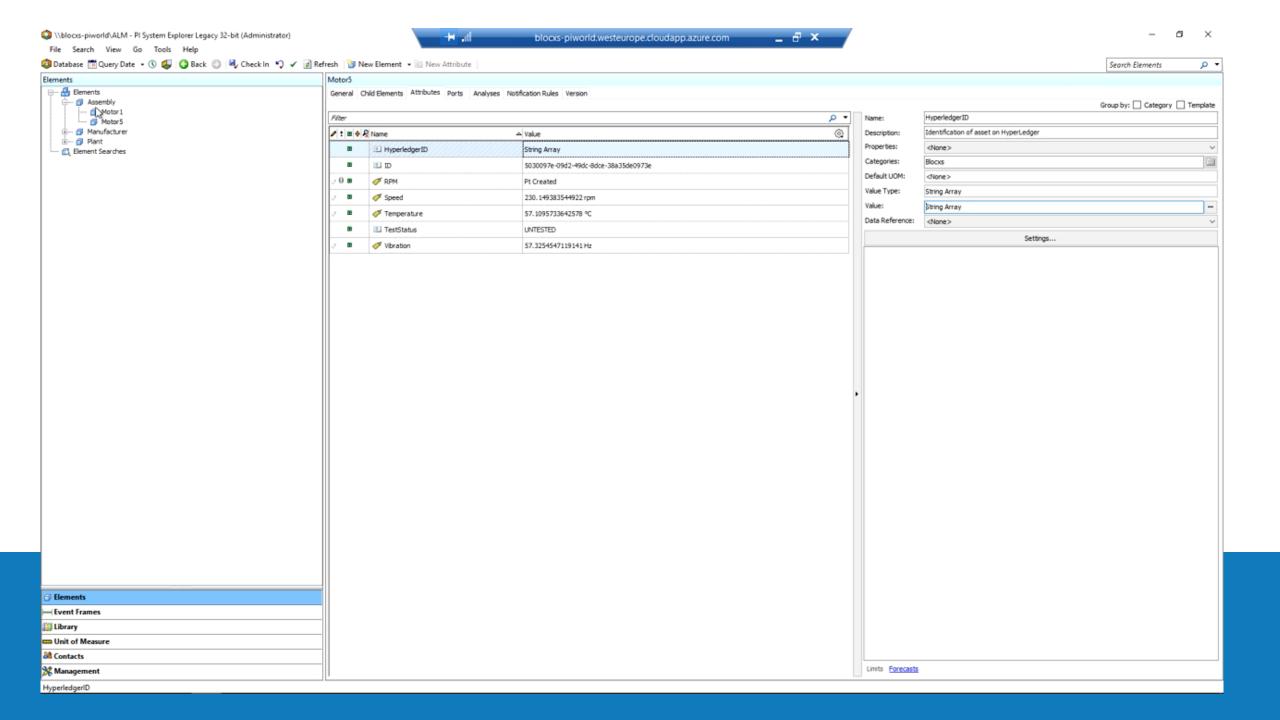


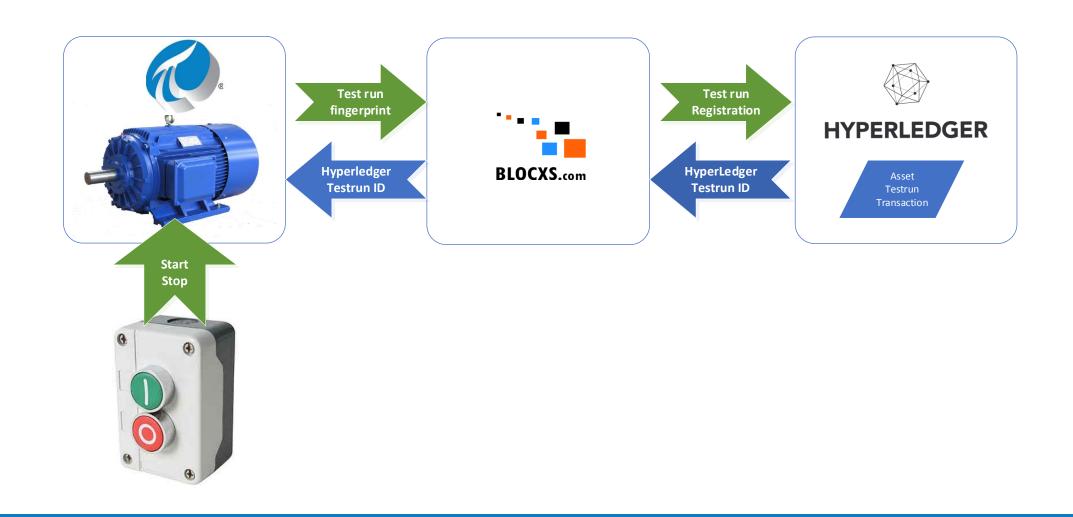


DEMO

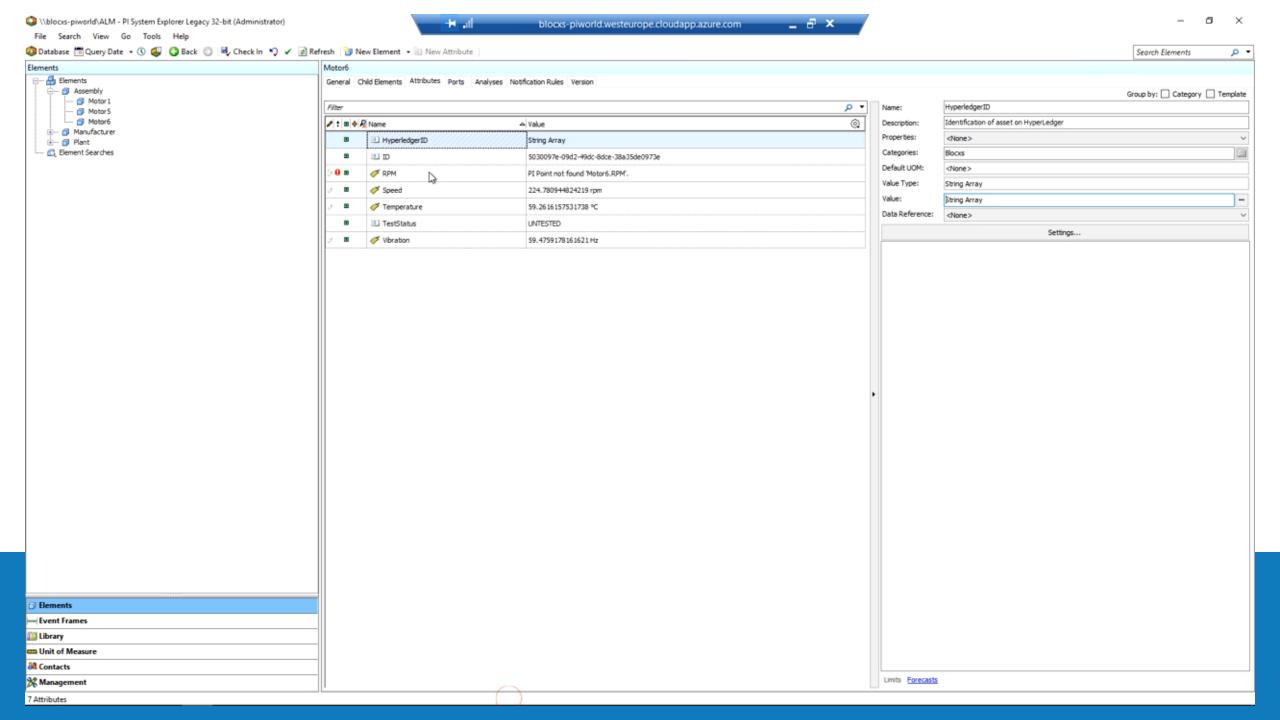


Case 1: Asset Registration



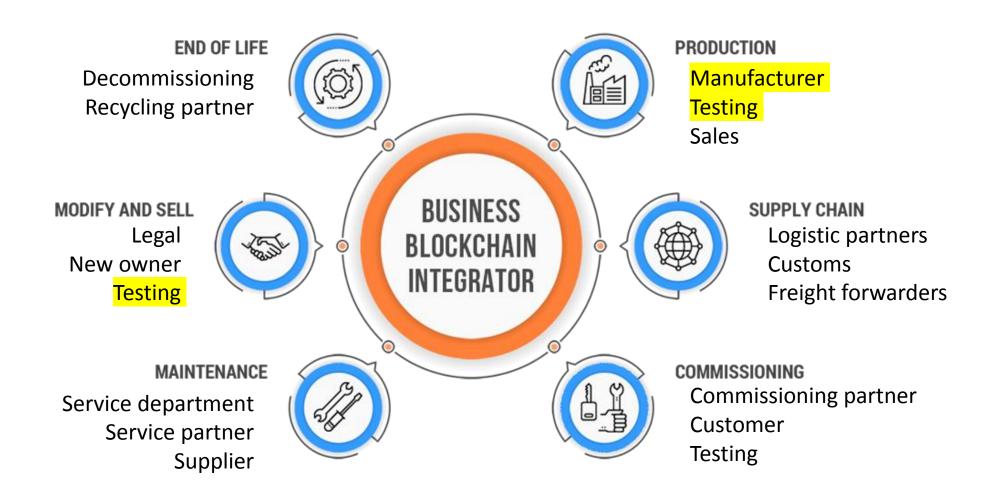


Case 2: Testrun registration





ASSET LIFECYCLE IN A NUTSHELL - RECAP

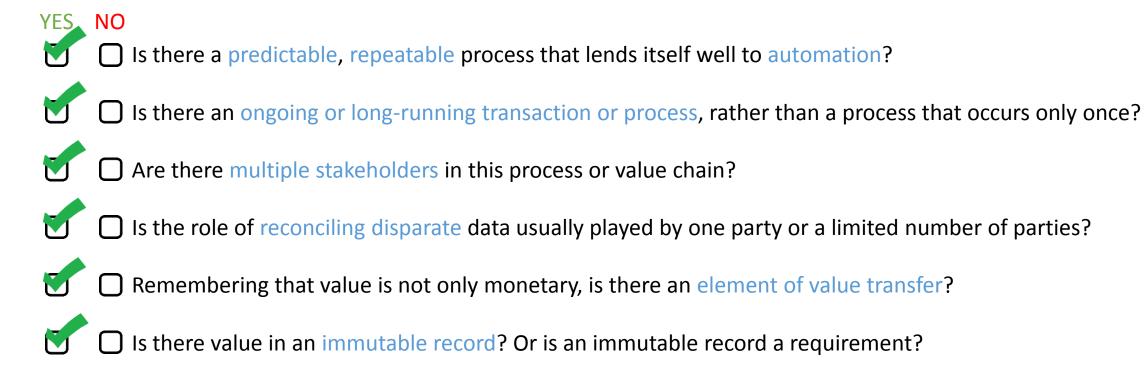






OXFORD BLOCKCHAIN STRATEGY FRAMEWORK







OSIsoft.

INTERESTED TO TALK MORE?

- Come visit us at the Academia/Research booth at the expo
- Day 3, Developer Track 3 (2:30PM 4:15PM):
 - Deep Dive: Exploring Blockchain Applications with OSIsoft Research



BLOCKS: A DUTCH CREATIVE BLOCKCHAIN COMPANY

Questions

Please wait for the microphone before asking your questions

State your name & company

Please remember to...

Complete the Online Survey for this session

Thank you! Let's blockchain!

