



19th Industry Forum

07 & 08 March 2018 | Augsburg



Symposium for Component Manufacturers and the Industry

- Strategic Parts Management
- Clean Master Data & Classification 2.0
- Intelligent Finding & PURCHINEERING 2.0
- Electronic Product Catalogs
- Intelligent Engineering Data & Industry 4.0
- BIMcatalogs.net – Perfect Product Data for AEC & BIM

CADENAS PURCHINEERING & ARAS Innovator. How Intelligent finding can increase reuse and minimize part duplication



Sergio Salsedo
Focus PLM



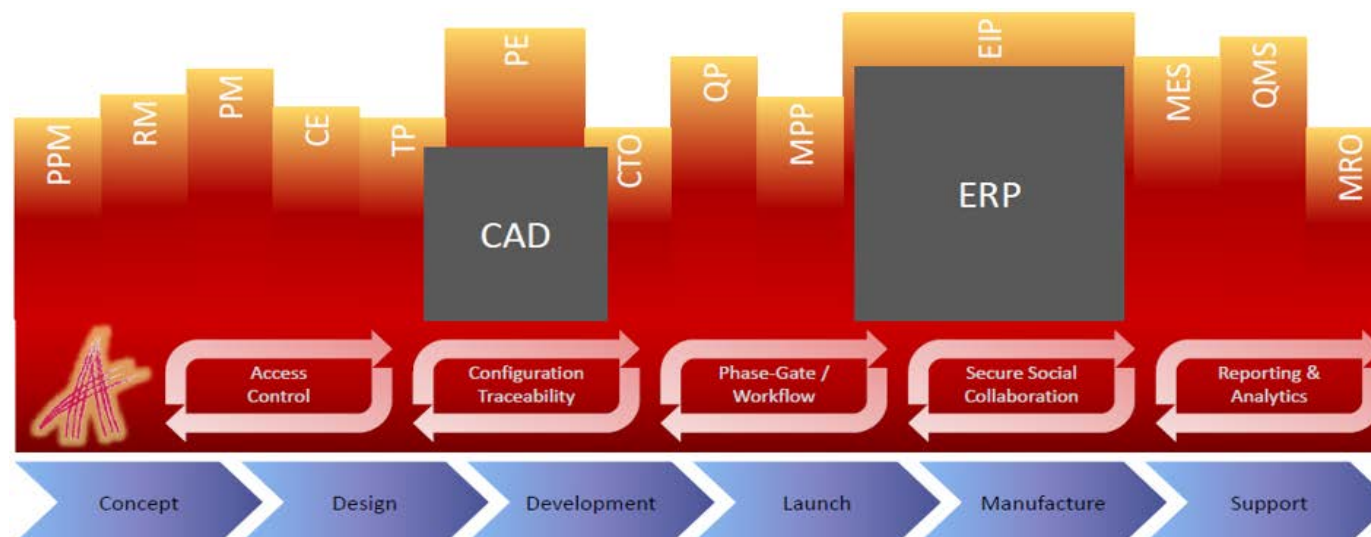
Luca Borghi
CADENAS Italiana s.r.l.

AGENDA

- Introduction to ARAS Innovator
- Introduction to FOCUS PLM
- Integration PARTSolutions-ARAS
- Benefit of Strategic Part Management in ARAS Innovator MULTICAD Environment
- PURCHINEERING 2.0 in ARAS processes to reduce duplicate parts

Aras Innovator – the product innovation platform

- Enterprise Open Source PLM: no license costs, quality and reliability ensured by the industrial organization of a multinational company
- Minimal upfront investment, reduced TCO
- State-of-art technology (natively web-based, .NET, SOA, fully parametric data model)
- Open and available for in-house developments, easy to integrate
- Totally neutral with respect to CAD and other enterprise software



Aras Innovator – the analyst’s view

FORRESTER®

FOR CIOs

The Forrester Wave™: Product Lifecycle Management For Discrete Manufacturers, Q4 2017

The Seven Providers That Matter Most And How They Stack Up

by Nate Fleming

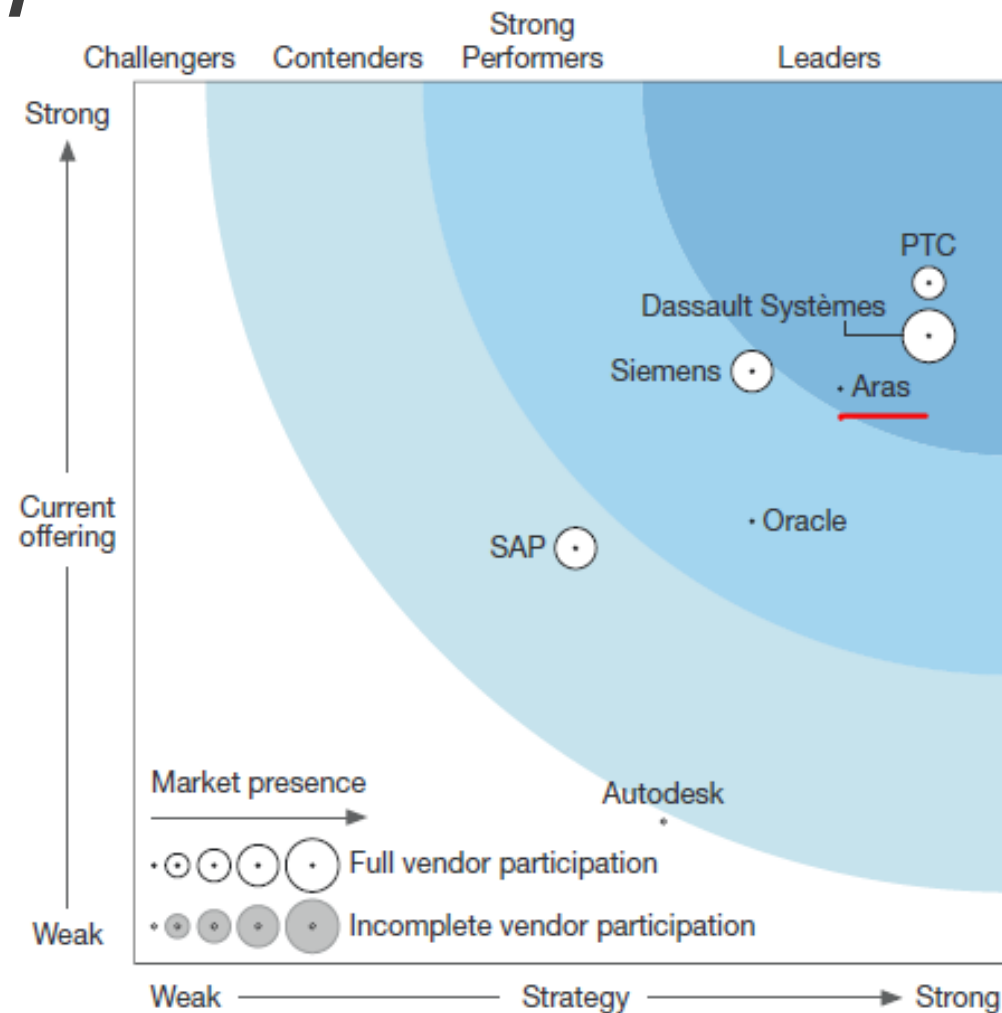
November 29, 2017 | Updated: November 29, 2017

Key Takeaways

PTC, Aras, And Dassault Systèmes Lead The Pack

Forrester’s research uncovered a market in which **PTC, Aras, and Dassault Systèmes lead the pack.**

Siemens and Oracle offer competitive offerings. SAP and Autodesk lag behind, but meet the needs of certain customers.



Aras Innovator – a growing community



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Best Practice & Networking



- Focus PLM is an Aras Gold Partner based in Italy
- PLM implementations in Italy, Germany, Slovenia, Switzerland, Israel, Kenya...
- More than 30 PLM systems in production
- Relevant software development skills focused on CAD/PLM integrations and other extensions to Aras
- Develops and distributes thru the Aras partner network connectors between Aras and MCAD systems

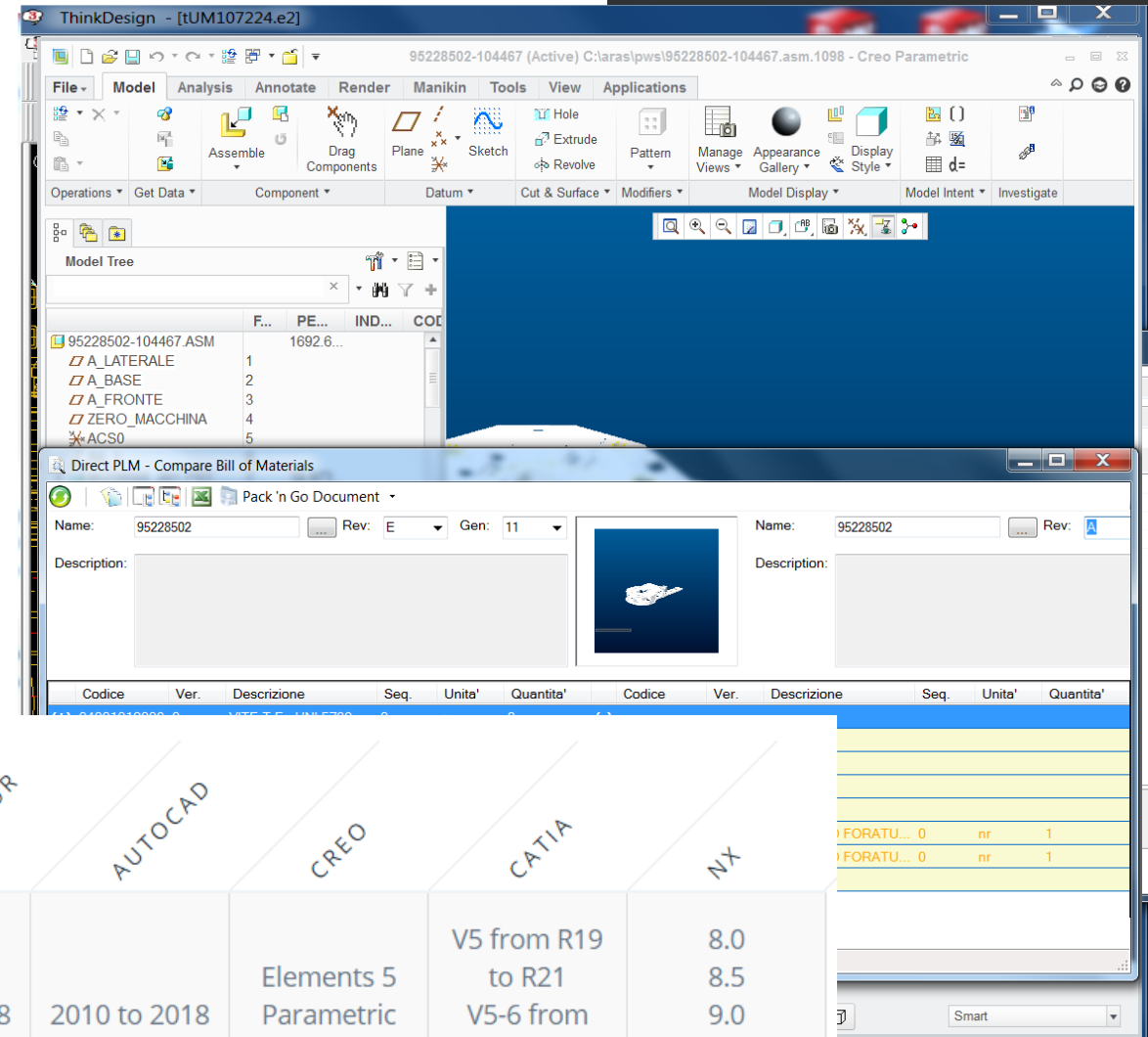


Direct PLM connectors

- High-quality CAD and MS Office[®] connectors for ARAS Innovator[®]
- Same lean, non-intrusive interface for every supported CAD (and MS applications, too...)
- Users can focus on design activity, and interact with PLM only when they need
- Advanced functionality covering specific CAD features
- Excellent, complete multi-CAD support
- Superfast migration to new CAD versions

Direct PLM – CAD coverage

- Solidworks
- Solid Edge
- Autocad and Autocad Mechanical
- Inventor
- thinkdesign
- Catia V5 and V5-6
- Creo Parametric, Creo Elements 5.0
- NX



	SOLIDWORKS	SOLID EDGE	THINKDESIGN	INVENTOR	AUTOCAD	CREO	CATIA	NX
Supported versions	2010 to 2018	SE V20 ST2 to ST10	2009.3 and later	2012 to 2018	2010 to 2018	Elements 5 Parametric from 1 to 4	V5 from R19 to R21 V5-6 from R2012 to R2017	8.0 8.5 9.0 10.0 11.0

CADENAS – Aras integration

- Jointly developed by CADENAS and Focus PLM
- Distributed as CADENAS products
- Addresses integration in Aras of all aspects of Strategic Part Management:
 - CADENAS Part Library management
 - CADENAS “PURCHINEERING” application for part reuse

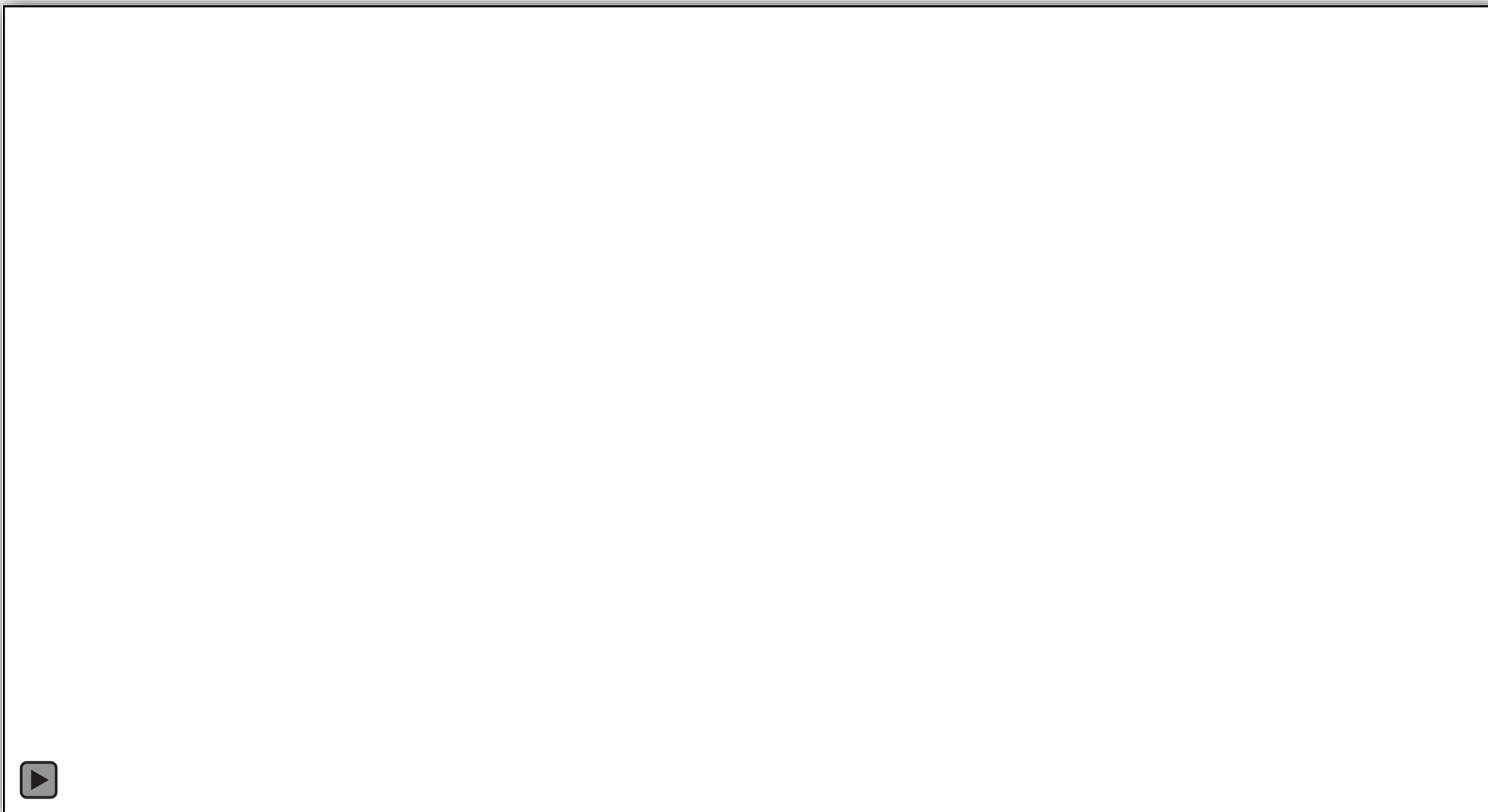
- Save & Import CAD Components (Part & Assembly)
- Direct properties mapping
- PLM Classification
- Unlock (Part & Assembly)
- Download (Part & Assembly)
- Release
- Part BOM & Document BOM Structure
- AutoNumber for Part & Document
- PlmSynchro Query Management
- MultiCAD & MultiCAD Integration management
- "Open In ARAS" from PARTdataManager client

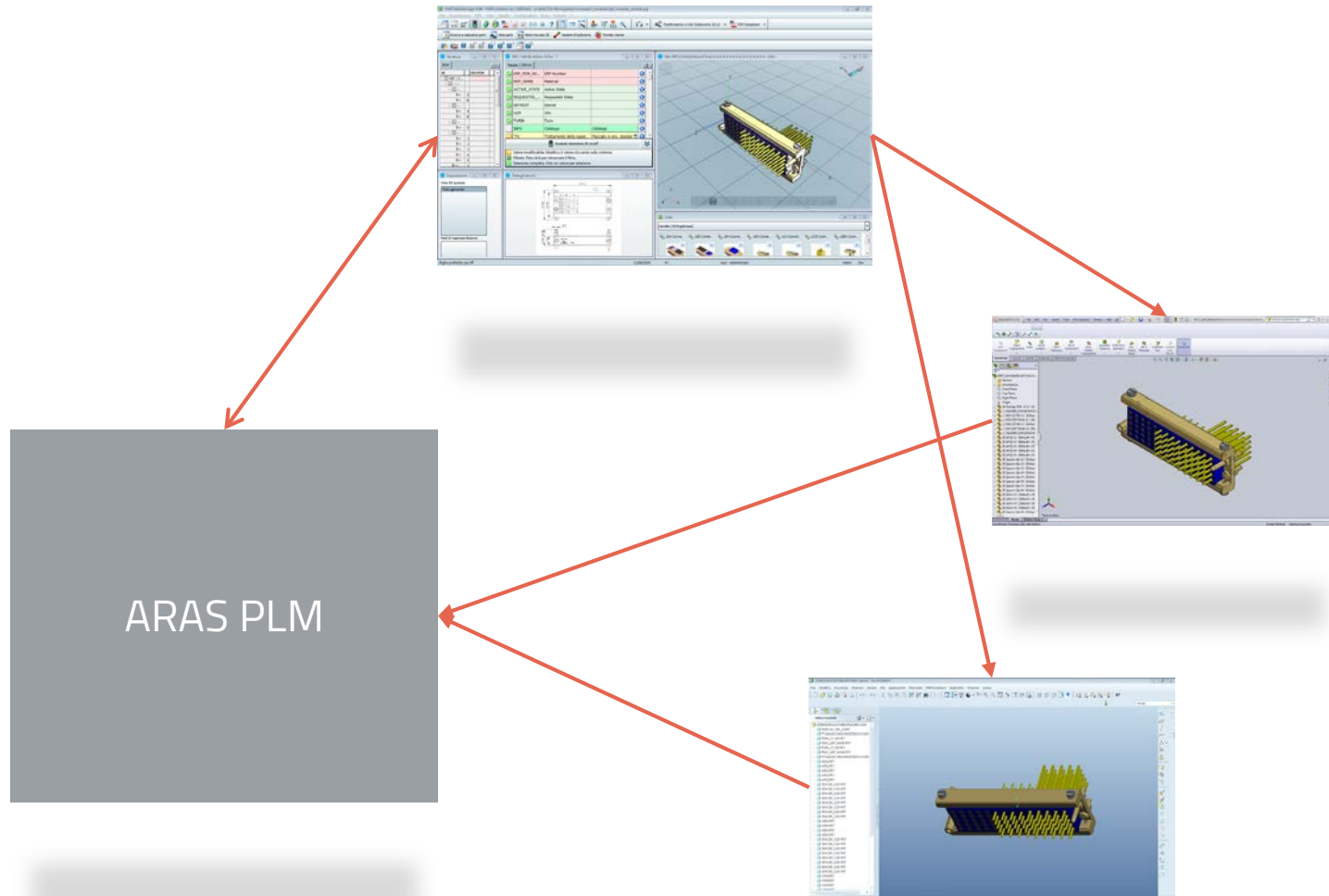
Integration ARAS-PARTSolutions

Export from Catalog Example

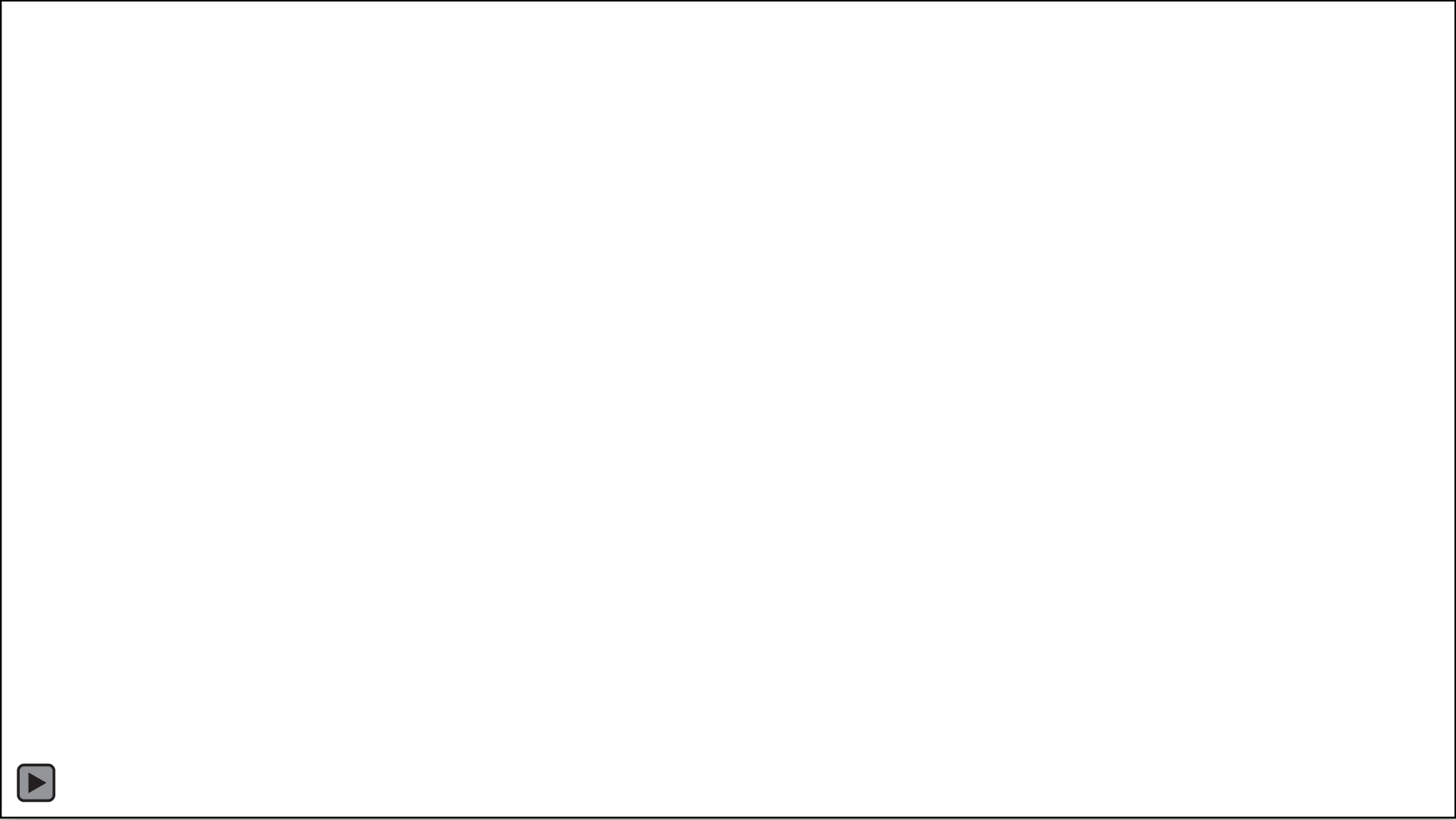
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Best Practice & Networking





- Provide Same Geometry to different CAD Systems
- Manage Multi document Number
- Manage One Part Number
- Apply same processes for different CAD Systems



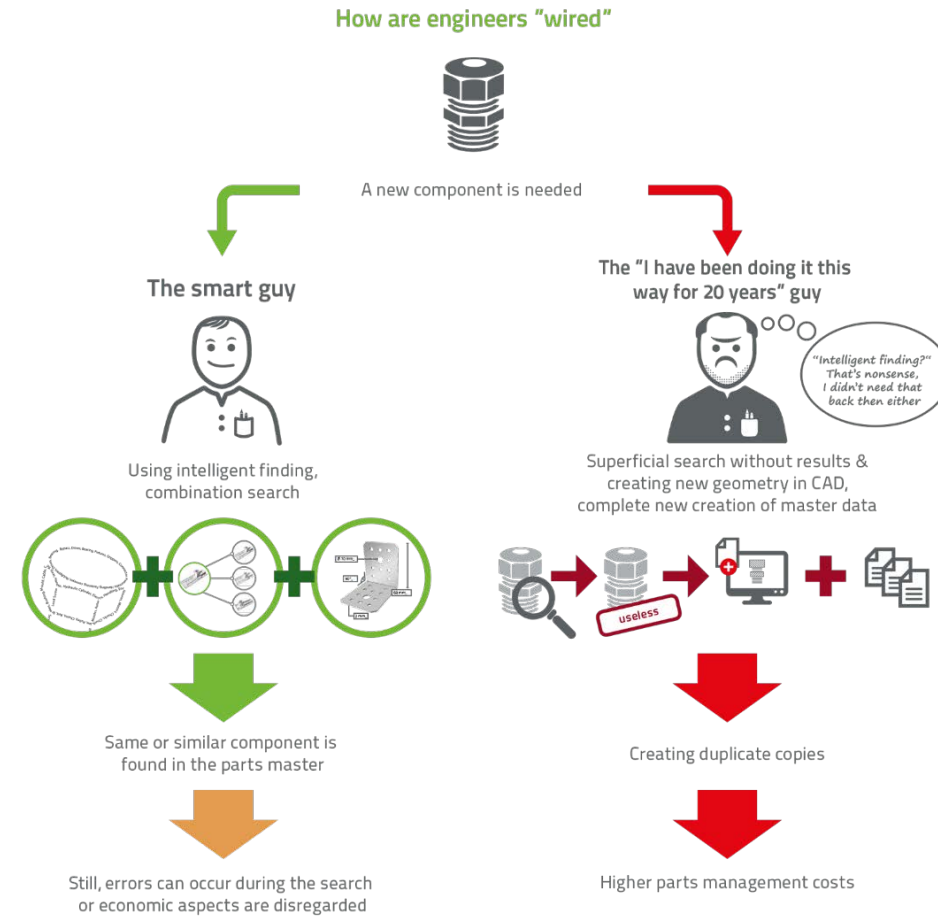
Open ARAS Part view directly from PARTdataManager client

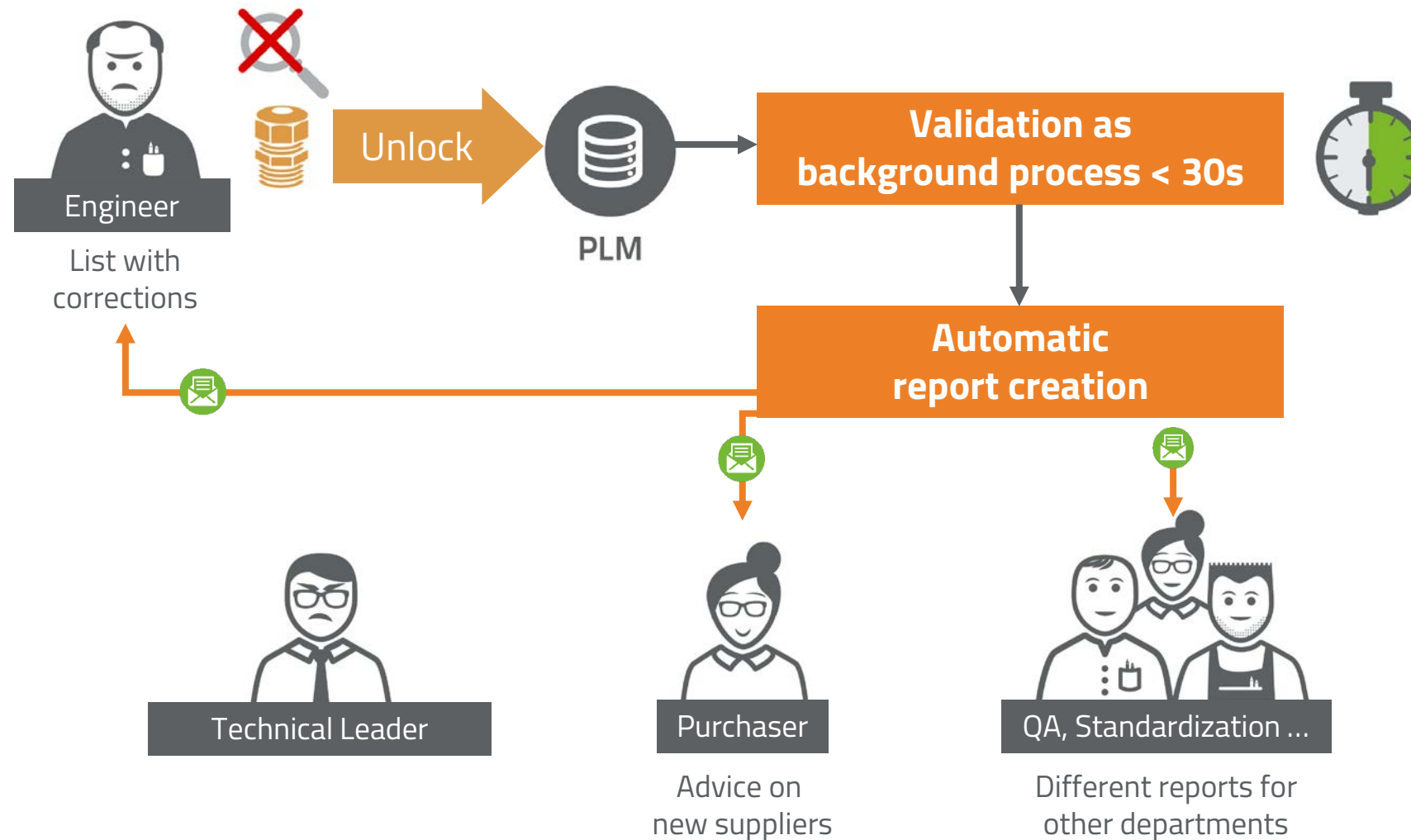
Easy for deep analysis on search results



PURCHINEERING 2.0

PURCHINEERING 2.0 is the combination the Technical Search Engine technologies and processes managed by PLM.



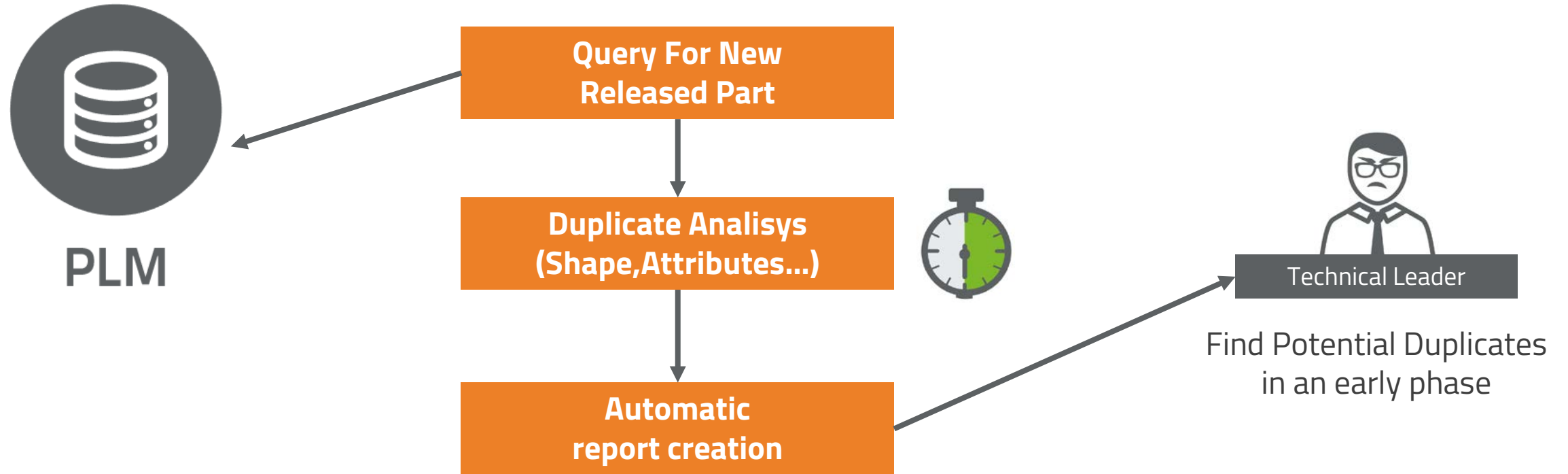


PURCHINEERING 2.0

Example of Interactive Analysis



Night Update Duplicate Analysis



CADENAS unites manufacturers & suppliers of components with the industry!

eCATALOG solutions

CADENAS solutions for
manufacturers & suppliers of components

The Electronic Product Catalog



The software solution to create and promote Electronic CAD Product Catalogs.

The Intelligent CAD Models



More than geometry: Optimal product and engineering data with the maximum comfort and functionality.

The Smart Sales Solution



Know who and where your customers are: Offer products at the right time, right place and to the right people.

The Vertical Marketplaces



Numerous online marketplaces with millions of users to multiply your Electronic CAD Product Catalog.

BIMcatalogs.net



Technologies and Know-hows of the Electronic Product Catalog for the architectural sector

PART solutions

CADENAS solutions for
industrial buyers of components

The Strategic Parts Management

Sustainable cost reduction of standard, supplier and company parts for engineers and purchasers.



The Geometric Similarity Search

Find available CAD geometries in a smart way and classify them semi-automatically.



The Supplier Portal

The platform improves the communication to external suppliers.



The PURCHINEERING Concept

Improves the cooperation between purchasing and engineering.



CADENAS

SETTING STANDARDS



Thank you for your attention

Questions?

Feedback?

First + Last name, function

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