대용량 Data와 부품 형상검색을 통한 효과적인 엔터프라이즈포털 구축 방안
- Active Workspace Client

* Siemens
* 노은희 이사
Teamcenter – Simplify PLM
Teamcenter – Simplify PLM
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- Visualization in PLM
- TC inside NX
- HD Validation
- Visual Reporting
- Visual Navigation

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### 1. Active Workspace Client 개요

#### 1.1 AWC Overview – HD User Experience

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1. Active Workspace Client 개요
1.1 AWC Overview – Solution User Interface
Make PLM accessible to all users throughout the product lifecycle by providing a streamlined and intuitive PLM user experience anytime, anywhere, on any device.
Non-traditional PLM users (ex: sales, marketing, executives, etc.)

Don’t know or care what PLM is

Need access to an authoritative data source

Demand web-intuitive user experience

Expect seamless access across multiple devices (ex: desktop, tablet, smartphone, etc.)
1. Active Workspace Client 개요
1.3 Client Positioning – Search Focus

- **Teamcenter Clients**
  - User searching only Teamcenter/SPLM data
  - Index ONLY Teamcenter/SPLM data using a Search engine

- **Search Portal**
  - SPLM Partner
  - FAST Search Server for SharePoint
  - SharePoint
  - Autonomy
  - Coveo

- **Search Index**
  - User searching for data from various sources

- **Search Engine**
  - Apache Solr
  - Autonomy

- **Our focus**
  - Advanced PLM Semantics
  - Associated PLM Data

- **Authentication / Access Control**
  - Host portal web page in Teamcenter client (if needed)

- **Index Teamcenter data and enforce access security**

- **Index data from various sources**

- **Our focus**
  - Other PLM
  - ECM
  - Cost System
  - HR System
  - ERP
  - Materials
  - Database
  - Archives
  - Emails
  - BI
  - File Systems
  - Web content
  - Knowledge bases
  - Social Media
  - ECM
  - Wikis
1. Active Workspace Client 개요
1.4 Early Customer Involvement (ECI) Program

Gives customers an early look at the Active Workspace
- Obtain customer “buy in” – are we on the right track?
- Builds a cooperative relationship

Helps ensure Active Workspace client is “fit for use”
- SPLM obtains customer feedback prior to production release
- Validates customer requirements
- Uncovers new customer requirements/use cases
- Tests performance
- Improves quality

Provides guidance for future releases
- Helps prioritize functionalities
1. Active Workspace Client 개요
1.5 Solution Overview

**Find what you need faster**
- Intelligent charts
- Shopping cart-like filters on properties, shape & classification
- Results ranking
- Aggregate relevant external data

**Make smarter decisions**
- See all relevant information in context
- Visually understand relationships
- Easily participate in PLM – dashboards, signoffs, workflow...

**PLM anytime anywhere**
- Web-intuitive, configurable UI
- Identical experience on any device with no client install
- Embeddable components
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2. Solution Features
2.1 Users Interface – Smart Actions

Don’t offer actions that are not valid

I can Check Out and Edit this part

This part is Released, so there are no buttons to Check Out or Edit
2. Solution Functionality
2.1 User Interface – Smart Actions

Don't waste my time – if there isn't anything there, don't show it.

This part has:
- 3D (Viewer),
- Children (BOM),
- Parents (Where Used),
- and Requirements

This part has:
- 3D and Parents,
- But NO Children or Requirements
2. 솔루션 기능 소개
2.2 데이터 검색 - Search UI

- Search pre-filters
- Breadcrumb
- Search Input Box
- Save Search Criteria
- Chart for Open Filter
- Revision rule applied
- Result Specific Filters
- Search Results
Full Text Search
- Ability to search on document contents
- Search based on combination of meta-data & document content
- MS Office, PDF, Text files
2. 솔루션 기능 소개
2.3 형상 검색 – Geolus Integration

Immediate access to all data pertaining to similarly shaped parts!
2. 솔루션 기능 소개

2.4 AWC Integration

- Embed in other applications
  - NX
  - Teamcenter Visualization

- Adapts to other Siemens applications
  - Theme remains consistent

- Consistent Teamcenter Experience everywhere
  - Microsoft Office
  - Other authoring tools
2. 솔루션 기능 소개
2.5 Configuration & Architecture

- Teamcenter
  ✓ Teamcenter 9.1.2.x
  ✓ Teamcenter 10.1.x

- Middle Tier
  ✓ J2EE

- Database
  ✓ Any supported Teamcenter database

- Other
  ✓ Solr
  ✓ Maven
  ✓ JDK 1.6.x or later
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Solution Key Characteristics

Superior User Experience
- Reimagined
- Uncluttered
- Graphically engaging
- Animated / Performance
  (fast and fluid)

Targeted for all
- Intuitive for all levels of user experience

Configurable
- Easily tailored for an Industry, customer, group, role, project, program and process