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Cadac Organice DCS

The leading engineering document control solution, entirely based on Microsoft SharePoint



Microsoft Partner
Gold Application Development
Gold Collaboration and Content
Silver Learning

AUTODESK
Platinum Partner



Cadac
Organice
Suite

Cadac Group



Easy-to-use deliverables planning and delivery

Easily plan what needs to be delivered and when. Ensure that deliverables are delivered straight to the right person.



Shorter review cycles

Shorter internal and external review and approval cycles.



Standardize the document control process

Standardized document control processes with integrated transmittal management.



More overview

Transparent and traceable document life cycle.



Stay up-to-date

Fully integrated progress reporting and alerting.



Integration with CAD solutions

Integration with AutoCAD, Revit, MicroStation and Autodesk Vault for document publishing.

Cadac Organice DCS is an engineering document control solution, entirely based on Microsoft SharePoint and tightly integrated with CAD, PDM, BIM and Microsoft Office applications.

Why Cadac Organice DCS?

Because every capital project requires engineering documents on time, one of the most critical success factors for your project is the ability to efficiently control the complex review and approval processes for your engineering deliverables. Your document controller needs a reliable document control system to meet their deadlines. Cadac Organice DCS covers both the management and the sharing of engineering deliverables (drawings, calculations, contracts, etc.) during their entire life cycle, offering a high degree of reliability in terms of access control, revision control and traceability.

Giving all stakeholders (internal and external) easy access to design information requires a state-of-the art collaboration platform like Microsoft SharePoint. Cadac Organice DCS delivers revolutionary document control functionality based entirely on Microsoft SharePoint. The solution will enable you to manage and control your engineering deliverables more efficiently. As a result, it will be easier to comply with your clients' requirements and deliver more successful projects.

Who can benefit from Cadac Organice DCS?

Cadac Organice DCS supports engineering document control processes for EPC Contractors (Engineering Procurement & Construction), Equipment Manufacturers, and Owner Operators. The solution is very well suited to the following industries: Process, Power & Marine; Architecture, Engineering & Construction; Manufacturing; Mining & Metals; and Infrastructure.

Best Practice solution

Based on years of customer experience, Cadac Group has developed a feature-rich and flexible best practice for engineering document control. Many engineering companies are highly specialized. Yet, no matter how specialized the companies' products or services, they use very similar review and approval processes. In fact, in our experience, at least 80% of document control processes are identical regardless of the company's end product. The strength of Cadac Organice DCS, therefore, lies in meeting 80% of document control needs right out of the box. Our solution is quick to implement without the risks associated with complex IT systems.

Features

- Mark-ups and annotations via integrated viewer
- Automated mark-up consolidation
- Personal and predefined review distribution lists
- Flexible review engine for parallel and sequential reviews or co-authoring
- Reviews on separate mark-up layers
- Anonymize and burn mark-ups to PDF
- Forward late comments from the previous revision
- Co-authoring native files
- Integrated transmittal management
- Automated transmittal coversheet creation
- Task based user guidance
- Personal and team open task list
- Complete audit via timeline
- Advanced permission management
- State based workflows
- State based permission matrix
- Hierarchy based permission inheritance
- Customizable team hierarchy
- Progress and report dashboard
- Advanced customizable reporting
- Custom document numbering
- Customizable document properties
- Customizable document status, acceptance codes, reason for issue
- Bulk import and upload via Excel spreadsheets
- Integrates with CAD, ECM or ERP system
- Best practice solution templates
- Connects to your active directory for single sign on

Supported platforms

- Microsoft SharePoint 2010, 2013 (Foundation, Standard, Enterprise)

Requirements

- Microsoft SharePoint 2010, 2013 (Foundation, Standard, Enterprise)
- Microsoft SQL Server: SQL2008 + SQL2008R2 + SQL2012 + SQL2014
- Microsoft SQL Reporting Services: Integrated mode: SSRS2008 + SSRS2008R2
- NET Framework 4.0
- The ability to deploy custom WSP files
- The ability to create 1 additional database on the SQL server
- Microsoft SharePoint server connected to the internet direct or proxy for license verification
- Maximum upload size of the Web Application, 1024MB
- The ability to send emails from the Microsoft SharePoint Server (outgoing email)

Solution components

- Cadac Organice DCS
- Brava Viewer for SharePoint
- Microsoft SharePoint

Licensing

The Cadac Organice DCS solution supports a variety of license models. Please contact Cadac Group for detailed pricing information.

How does Cadac Organice DCS work?

Cadac Organice DCS supports document life cycle, guaranteeing complete control over the delivery process – from document creation and review, to handover to the client.

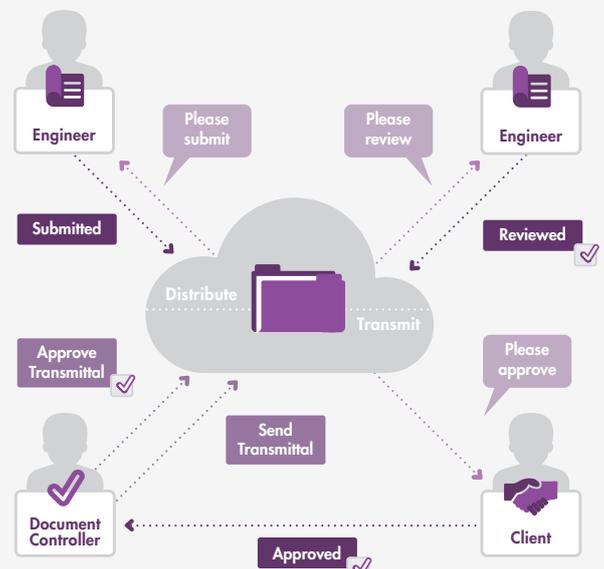
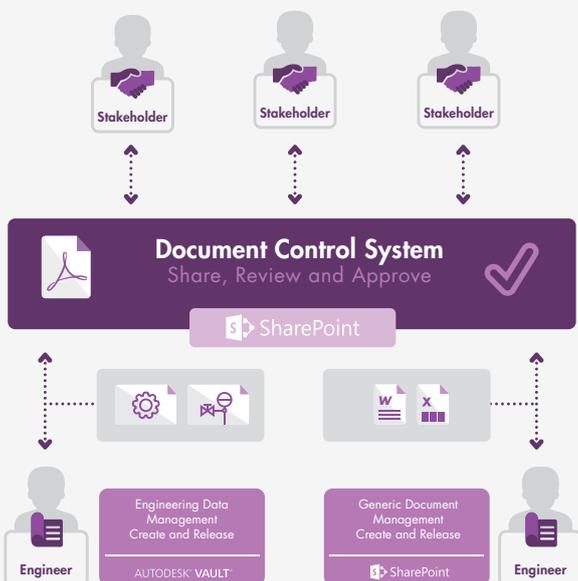
- Step 1** You provide Cadac Organice DCS with a list of project deliverables, along with each deliverable's parameters: delivery schedule, metadata, and document life cycle. Deliverables placeholders can be imported from spreadsheets or created manually.
- Step 2** Deliverables are uploaded to Cadac Organice DCS. This can be done manually, in bulk or via an integration with a CAD application.
- Step 3** As documents are ready for review or approval, you can define your own review processes to work in parallel, sequentially, or a combination of both. Review processes can be preconfigured or defined ad-hoc by the end user. The review process can be traced. Cadac Organice DCS immediately sends an alert if an approval is stalled or a deadline is in jeopardy.
- Step 4** Once all approvals or reviews are completed, Cadac Organice DCS automatically combines the response in a single document for final review. Once the document has been consolidated, it can be responded back to the originator. This can be done online or via a transmittal. Cadac Organice DCS automatically assembles the correct coversheet.

Integration with other systems

Documents can easily be published to placeholders in Cadac Organice DCS from market leading CAD systems (AutoCAD, MicroStation, Revit) and CAD data management systems (Autodesk Vault).

Project environments can be setup manually or created automatically through an integration with backend ERP systems such as SAP, allowing the automated provisioning of the project site-collection, placeholders and project teams.

The handover of engineering deliverables to an asset management, ECM or archiving system after they have been signed-off in Cadac Organice DCS, can also be automated allowing both bulk handover, as well as a continuous handover of individual documents.



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