Newgen's Engineering Drawing and Project Document Management Software
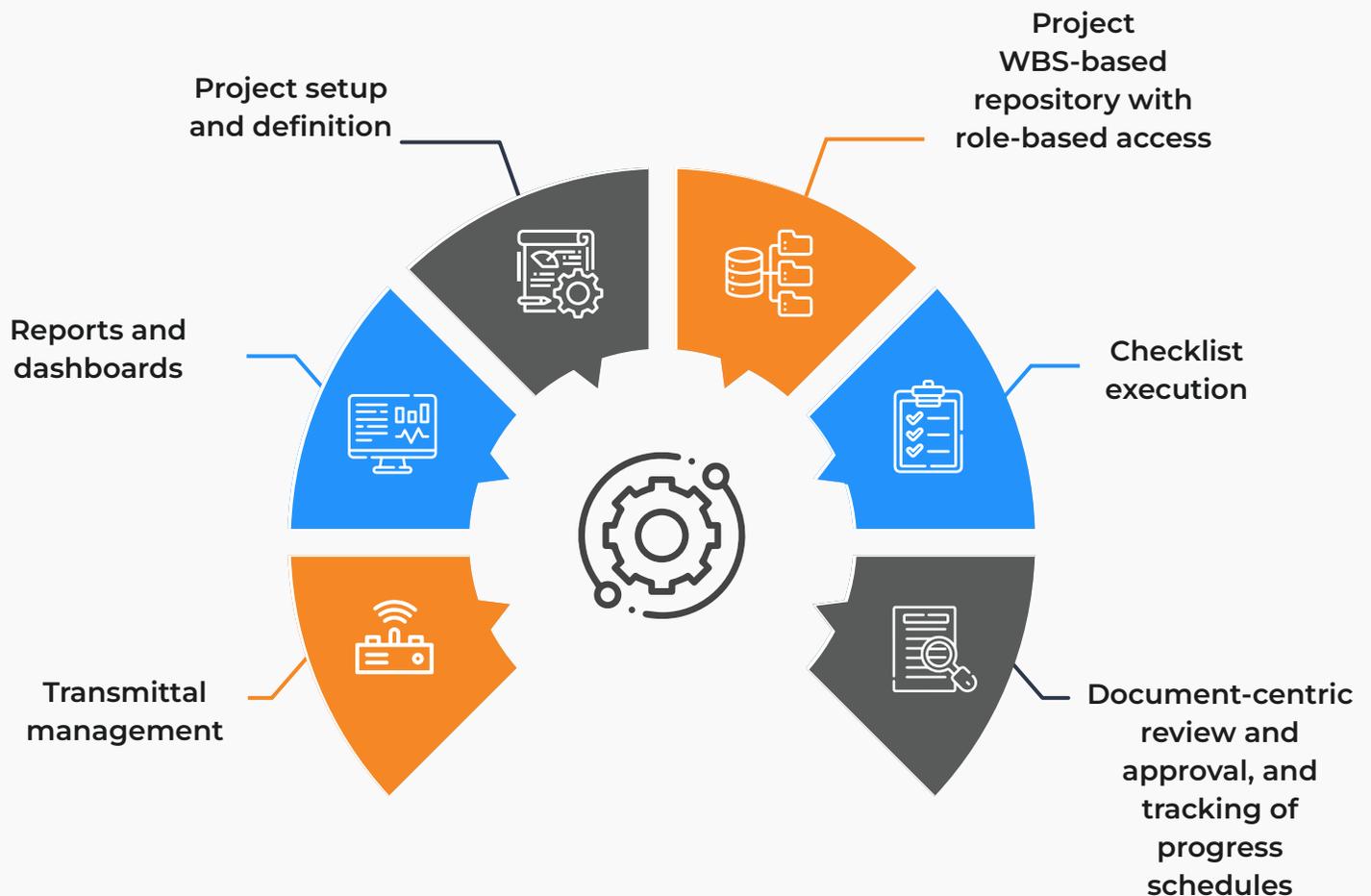
Overview

Project and document management in engineering, procurement, and construction (EPC) can be challenging. Many organizations in the energy and utilities industry still rely on obsolete methods for managing engineering drawings. As a result, organizations are unable to access information timely and respond to unique project requirements. It is imperative that they have a robust system in place that offers document management capabilities to streamline document-centric processes.

Complex document and data management processes

Difficulty in managing multiple projects, their deliverables, and artifacts simultaneously

Business Challenges

Inability to manage various documents across different phases of the project lifecycle, and absence of work breakdown structure (WBS) aligned repository

Lack of proper tracking and control over documents, which gets routed to multiple departments/streams

Inability to modify the system according to project specification

Newgen's Engineering Drawing and Project Document Management Software

Newgen's engineering drawings and project document management software is built on our low code and cloud-based NewgenONE Digital Transformation Platform. The software offers a unified interface for end-to-end management of engineering drawings and project documentation. It supports concurrent document access and enables version management and parallel operations on files. Furthermore, it efficiently manages various documents, file types, and requirements involved in EPC projects.

Additionally, the solution facilitates:

- Project setup and definition
- Project WBS-based repository with role-based access
- Reports and dashboards
- Checklist execution
- Transmittal management
- Document-centric review and approval, and tracking of progress schedules

Streamline Engineering and Project Document Management With Newgen

Create	Assign	Review	Approve	Issue

Create

- Easy uploading of engineering drawing documents for review/approval
- Seamless uploading/generation of engineering documents from below mentioned system templates:
  - Technical query
  - Comments/resolution sheet
  - Deviation request
  - Plan change memo
  - Lesson learnt
  - Project dockets
  - Minutes of meetings
  - Vendor certificates
  - Site instructions

Assign

- Initiator/document owner assigns the document/drawing to user on ad-hoc basis or per pre-defined SOPs
- Pre-configured project specific user master for assignment

Review

- Options to annotate/comment on drawing while reviewing with the feature to review comments/feedbacks in the comment resolution sheet summary
- Smart decision-making

Approve

- Complete review/decision history for any drawing/document to facilitate approval
- Option to comment and approve any drawing/document with e-Sign
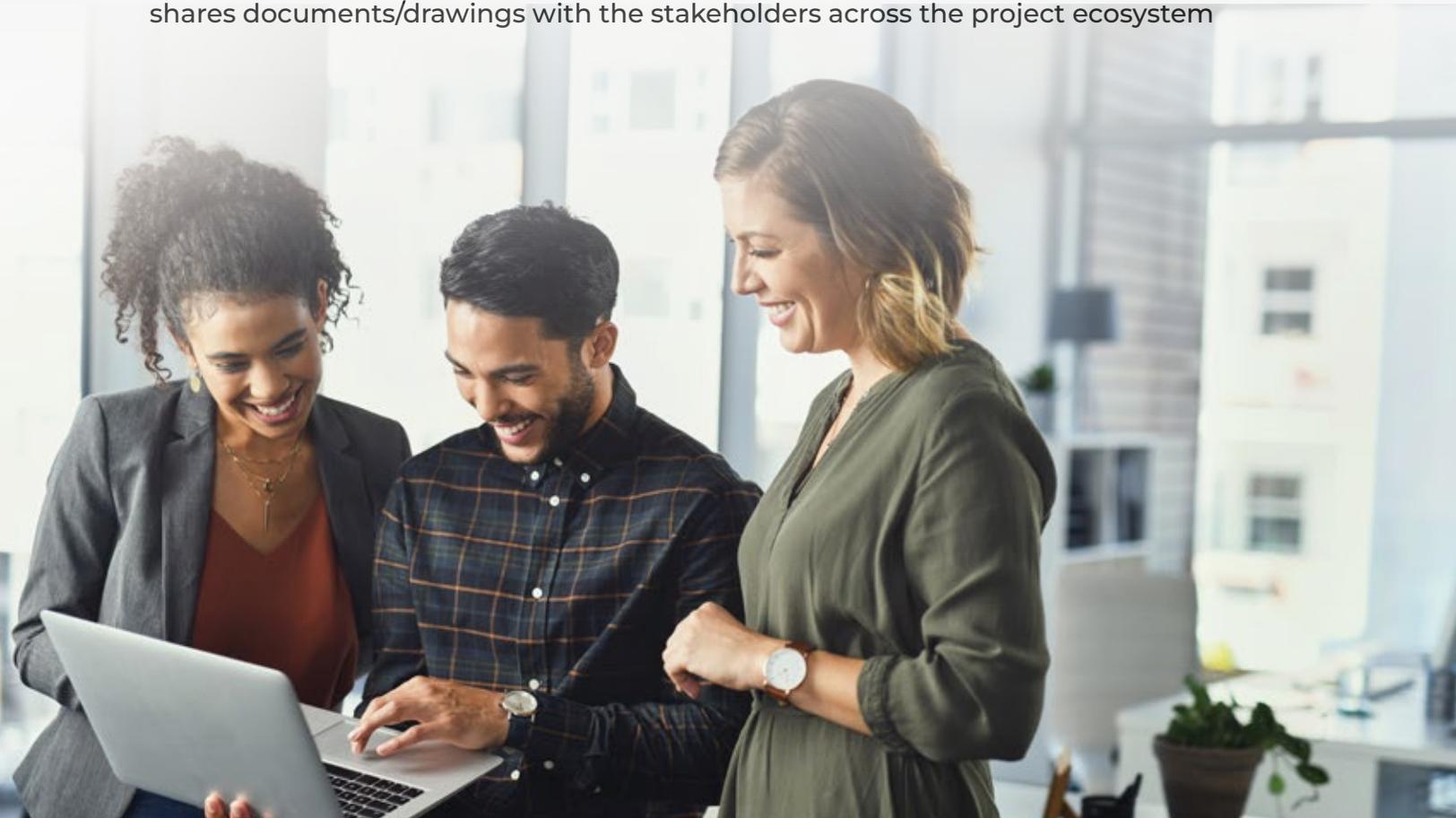
Issue

- Multiple documents/drawings issuance through a single transmittal
- Internal/external transmittal support for sharing drawing/document to client, vendor, and others
- Pre-configured transmittal templates

Key Features

Project definition and work breakdown structure

Enables storage/management of project definitions based on user role or hierarchical structure

Progress schedules

Allows importing of project plans through which users can track and monitor the document/drawing review lifecycle, and acts as a unified tracker for project documents/drawings

Compliance checklists

Generates compliance certificates and compliance checklist, executed at different stages of the project lifecycle

Review/approval workflows

Provides customized document/drawing related workflows across the project lifecycle

Transmittals management

Generates multiple transmittal formats/notes/covers for different stakeholders and shares documents/drawings with the stakeholders across the project ecosystem

Project definition and work breakdown structure

Enables storage/management of project definitions based on user role or hierarchical structure

Progress schedules

Allows importing of project plans through which users can track and monitor the document/drawing review lifecycle, and acts as a unified tracker for project documents/drawings

Compliance checklists

Generates compliance certificates and compliance checklist, executed at different stages of the project lifecycle

Review/approval workflows

Provides customized document/drawing related workflows across the project lifecycle

Transmittals management

Generates multiple transmittal formats/notes/covers for different stakeholders and shares documents/drawings with the stakeholders across the project ecosystem

Key Benefits

Efficient processes: Monitor process lifecycle and enable seamless flow of information between all project participants

Reduced errors: Capture data automatically and process multiple applications using a single platform. Eliminate discrepancies and optimize the process by streamlining the product lifecycle

Real-time information: Make information available anytime-anywhere and gain visibility on assets and resources, ensuring better asset and human resource management

Timely approvals: Define and design approval cycles. Collaborate with external stakeholders for evaluating applications and securing application access with OTP-based authentication and data encryption

Customizable per business needs: Customize workflows according to the project needs with configurable process flows, user interfaces, and business rules

Better compliance: Apply time bound checks and user-defined checks throughout the project lifecycle, ensuring compliance with various regulations

About Newgen

Newgen is the leading provider of a unified digital transformation platform with native process automation, content services, and communication management capabilities. Globally, successful enterprises rely on Newgen's industry-recognized low code application platform to develop and deploy complex, content-driven, and customer-engaging business applications on the cloud. From onboarding to service requests, lending to underwriting, and for many more use cases across industries. Newgen unlocks simple with speed and agility.

FOR SALES QUERY

CANADA: +1-202-800-7783
AMERICAS: +1 (202) 800 7783
AUSTRALIA: +61 290 537 174
INDIA: +91 11 40773769
APAC: +65 3157 6189
MEA: +973-1-619-8002, +971 44541365
EUROPE: +44 (0) 2036 514805

info@newgensoft.com
www.newgensoft.com

newgen

April, 2022