Datum360
An AUTODESK Company

Connected data

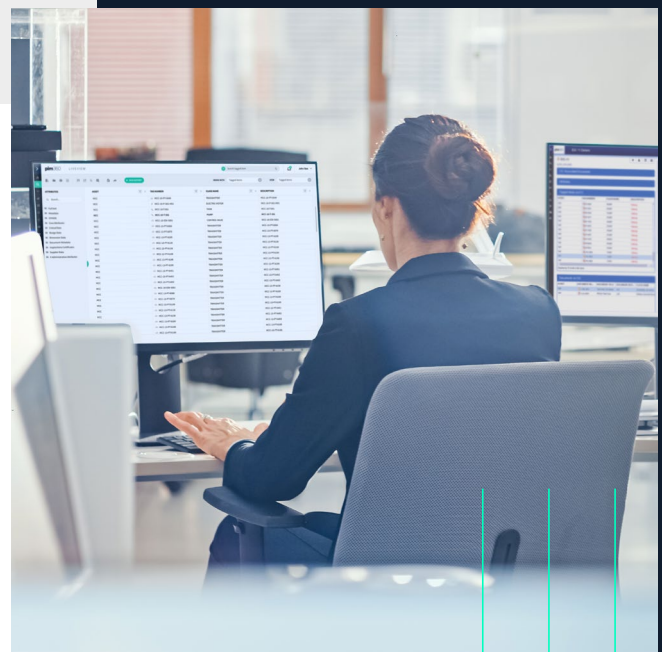# Define, specify and share your engineering information requirements

- Captures engineering information requirements
- Defines specification precisely
- Manages classification iteration and variants
- Creates data-driven class library
- Maps internal customer data to industry standards e.g. ISO 15926, CFIHOS, ISO 19650
- Class Library, also known as Reference Data Library (RDL), or Asset Information Requirement (AIR)

Benefits

- Enables re-use and continuity of corporate knowledge
- Delivers consistent class library definitions to all corporate and project software systems, maintaining data governance integrity
- Supports data compliance with industry standards
- Enables data governance integrity
- Eliminates the need for customized developments

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CLS360, is Datum360's leading class library platform, for defining and managing both corporate and project specific engineering information and asset data requirements within a granular and rigorous data governance framework.

Manages corporate and project class libraries

Capability
- Create corporate class libraries that can be used as the seed to clone project specific class libraries which are all managed in the same environment
- Aligned with evolving industry standards such as ISO 15926, ISO14224, CFIHOS and ISO 19650

Benefit
- Enables standardization
- Captures and provides re-use of corporate knowledge

Defines all types of engineering asset information & asset data

Capability
- All types of tags and equipment with their expected attributes and document types
- Defines business rules and data validation rules for each type of object
- Relates Engineering Numbering Specifications to the class library

Benefit
- Creates clarity and transparency in a complex arena where confusion is frequently expensive and time consuming
- Provides a single set of approved information expectations for project and operations
- Improves consistency and repeatability

Fast, simple access to engineering and asset data

Capability
- Populates class library for any engineering information system, e.g. SmartPlant™, Aveva NET™, Bentley Projectwise Lifecycle Server™ and PIM360
- Easily interfaces with engineering information systems

Benefit
- Allows standardisation on one class library management tool, reducing complexity
- Single source for class library management across the enterprise

Data driven configuration

Capability
- Fast loading of class library data sets
- Allows definition of engineering information requirements to align with in house processes and eliminates bespoke customization of software
- Works dynamically with PIM360

Benefit
- Provides comprehensive and flexible approach
- Removes requirement for expensive customization

Optional register driven approach

Capability
- Data driven definition of conventional registers, indexes and schedules to be used as information delivery mechanism

Benefit
- Provides well understood mechanism to support engineers making the transition from document centric to data centric information management

Easy to learn

Capability
- Intuitive and clean graphical interface facilitates ease of use

Benefit
- Speeds up adoption by users and encourages deeper engagement with the data
- Builds confidence and trust

Globally available, digitally secure, cloud-based platform

Capability
- One click web deployment
- Conforms to conventional digital security requirements
- Monthly subscription SaaS model allows flexible utilization of software

Benefit
- Reduces deployment times to minutes and hours, not weeks and months, delivering reduced deployment costs
- Provides secure, managed access to all project participants
- No capital investment is needed and infrastructure costs are minimized via cloud deployment

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