Everyone Knows You Need **Technical Documentation**



Aras helps companies who design and document complex products, to render controlled product data as content while conforming to a document schema through efficient document authoring within and across disciplines.

Reflect current product data as documentation

Product

Document legally binding obligations

Contractual

Enable multi-domain design & testing

Engineering

SOLUTION INDICATORS

- Initiative under way to harmonize authoring and structure of content/ documents across teams and business units
- Using unstructured/unconnected authoring tools (Word/Excel/email)
- Realization that collaboration requires more control, aggregation, and availability of content
- Lack of content traceability between disciplines (digital thread)
- Need to enforce consistency in nomenclature, acronyms, presentation
- Managing change within technical documents
- Recent third-party audit exposing lack of traceability/connectivity of content

Find out more on **aras.com**

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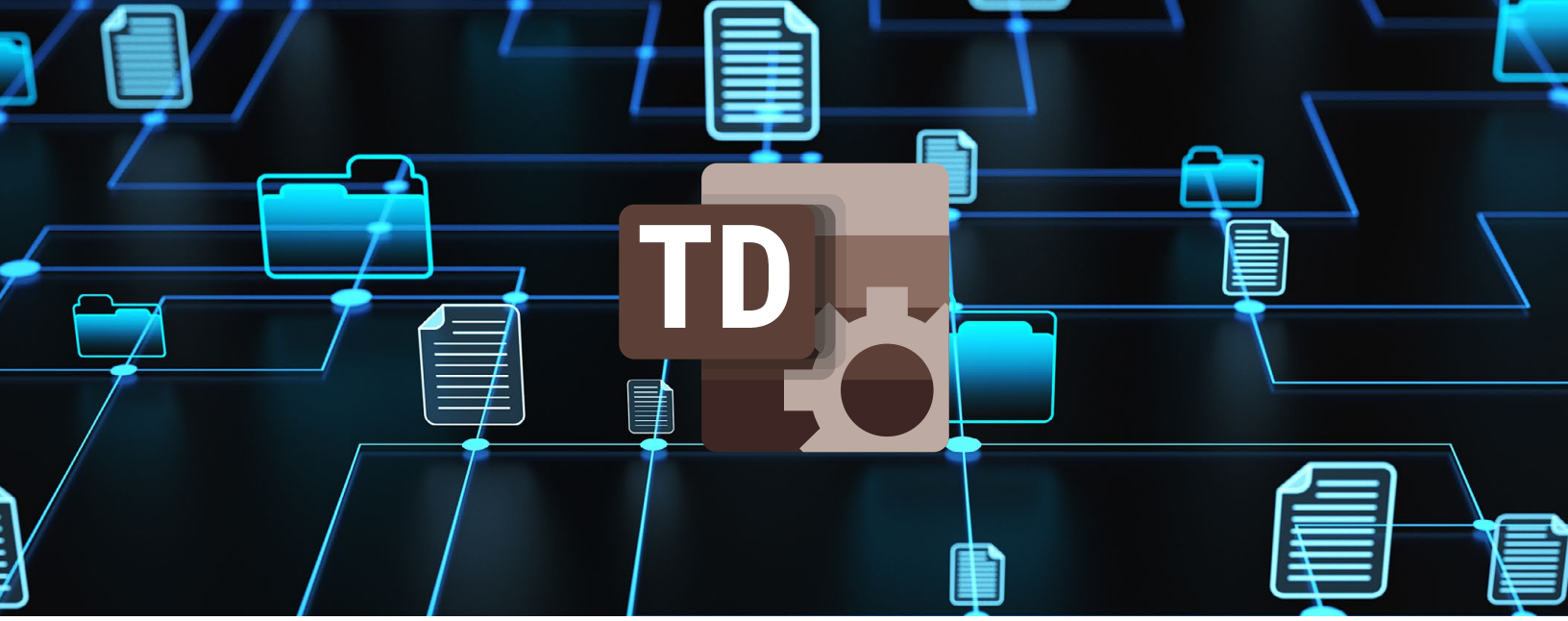

Be able to:	Giving you:	Enabled by:
Render controlled product data as content while conforming to a document schema	▪ Reuse of existing content to support multiple use cases, domains, and disciplines ▪ Automation of repetitive content creation processes ▪ Simplified validation that content accurately reflects current product data ▪ Efficient exchange of schema compliant product data with external stakeholders	▪ Controlled access to all related product data ▪ Powerful tools to transform referenced data into schema compliant content ▪ Dynamic styling to generate any desired visual presentation format
Extend schemas, styles, and authoring tools to suit your business	▪ Flexible definition of document types while maintaining consistency of content ▪ Structured documents that can match to and evolve with company style guidesteams ▪ Automated creation of complex or repetitive content ▪ Efficient document authoring processes within and across disciplines	▪ Easy to use tools for creating document types and editing schemas and styles ▪ An extensible Ui framework architected for automation and controlled authorship ▪ Schemas and styles based on industry standards
Achieve traceability to the latest product data with dynamic links	▪ Digital Thread connectivity of content across domains and processes ▪ Simple navigation and visualization of relationships between content and product data ▪ Automatic consistency of links between versions of controlled data	▪ Inherently interconnected data structures ▪ Flexible and extensible relationship modeling ▪ Easy creation of semantically meaningful relationships between technical content and product data▪ ▪ Configurable relationship behaviors to handle different use cases and data maturity levels
Control changes with flexible workflows, concurrent with product change	▪ Synchronization of documentation change with product configuration management ▪ Alignment and coordination with the broader product development team ▪ Targeted workflows for specific document types and use cases ▪ Adaptability to future content requirements	▪ Enterprise change management including affected data types beyond technical documents ▪ Dynamic workflows and configurable content approval cycles ▪ Change processes that encourage coordination between departments
Publish from a single source to multiple document layouts	▪ Focused authorship of content, instead of documents ▪ Consistent document format to company or industry standards ▪ Publishing the same content to multiple media, formats, and audiences ▪ Efficient reuse of boilerplate content	▪ Streamlined schema-compliant content authoring ▪ Structured reuse of content blocks ▪ Definition of style/format independent of content ▪ Flexible content publishing engine

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