



Your Single Source of Clarity.

The collaboration platform to **Integrate, Validate** and **Manage** industrial data — where 3D models, drawings, spreadsheets, documents and registers are brought together, validated, and handed on with confidence.



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What problems does it solve?

Industrial technical projects generate enormous volumes of data across the entire lifecycle of an asset — from design and engineering, through procurement and construction, to commissioning, operations, and maintenance. Each phase uses different software, in different formats and dimensions (1D tabular data, 2D drawings, 3D models, plus documents and media). Because those authoring tools rarely talk to one another, **the data arrives fragmented and without shared context.**

Left unmanaged, that fragmentation produces a familiar set of problems:

- | | |
|--|---|
| ◆ Data silos — information trapped inside individual tools and teams. | ◆ Manual data transfer — data re-keyed or copied by hand between systems. |
| ◆ Error-prone validation — correctness checked by eye, inconsistently. | ◆ Lack of interoperability — tools that don't exchange data cleanly. |
| ◆ Poor collaboration — weak communication between disciplines. | ◆ Data integrity issues — inconsistent, erroneous, missing or mismatched data. |
| ◆ Compliance violations — work that drifts from the required standards. | ◆ Limited insight — no clear, cross-dataset view to support decisions. |
| ◆ Readiness failures — data that isn't fit to hand over or reuse. | ◆ Locked-away value — missing access, clarity and reuse. |

The downstream cost is rework, increased costs, delays, and reputational damage — and, in regulated industries, safety and compliance exposure. **XcheckStudio** exists to make that data consistent, validated, and traceable in one place — turning scattered, unverified inputs into a dependable single source.

What is it?

XcheckStudio is a multi-tenant, industrial data management, integration, and validation platform. It gives teams one unified environment — available in the cloud or on-premise — where 3D models, 2D drawings, spreadsheets, documents, and registers are brought together, related to one another, viewed collaboratively, validated against rules, and handed on with confidence.

An information management hub for **"the digital journey from raw data to informed decisions"** — delivering data that is:

- Clean
- Structured
- Validated
- High quality

TAGLINE

The collaboration platform to Integrate, Validate and Manage industrial data.

SLOGAN

Your Single Source of Clarity.



Access & Interact

Easily access and interact with 3D models, drawings, and documents in one unified data environment.



Validate & Analyse

Surface inconsistencies, discrepancies and errors — missing / duplicate / mismatched items and properties, naming violations, incorrect standards, and conditional-format breaches.



Share & Collaborate

Communicate and report issues, assign them to collaborators, review markup, revise, and track resolutions.

Two ideas sit within the listed pillars.

They describe where XcheckStudio's value ultimately leads.

01 The Digital Thread

XcheckStudio positions itself as the platform to establish a **Digital Thread** — a data-driven architecture that links information across a product or plant's entire lifecycle, acting as the authoritative data and communication platform at any point in time.

02 AI-ready output

Because XcheckStudio produces clean, structured, validated, high-quality data, that output is inherently ready to feed downstream analytics and AI.

Intrida's four stated goals for XcheckStudio tie these together:

- 1

Ensure digital asset reliability
- 2

Aid technical collaborations
- 3

Visualise quality progress
- 4

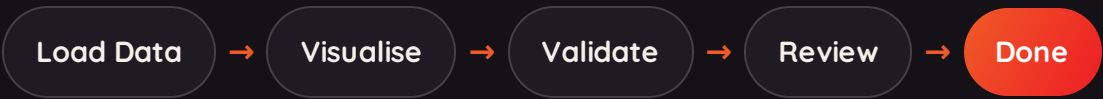
Track standards & compliance



How does it work?

At its core, XcheckStudio is a **Common Data Environment (CDE)**: a place to upload datasets of many formats, contextualise them, relate them to one another, and then view, validate, and collaborate on them.

THE EVERYDAY WORKFLOW



A unified environment, not just an integrated one.

XcheckStudio doesn't merely place different datasets side by side — it lets information **flow between related objects**. Once objects are referenced or associated, a value maintained on one object can be:

- ◆ **appended to** a linked or associated object, or
- ◆ **used as a parameter** that drives logic on another object.

This is delivered through XcheckStudio's **Calculated property types** and **Link properties**, expressed in the **XcheckStudio Formula Language (XFL)**.

The effect: a value maintained in one place drives the objects that depend on it — instead of being duplicated and left to drift out of sync.

Everything in one data environment.

Some of the capabilities that make up the XcheckStudio platform.

- 01

Visualise
Access and interact with 3D models, drawings and documents in one unified environment.
- 02

Concurrent use
Multiple users interact with the same datasets at once — no checkouts.
- 03

Real-time collaboration
Report issues, assign them, review markup, revise and track resolutions.
- 04

Data vaulting
Store and retrieve datasets of different formats in a common shared vault.
- 05

Data management
Condition objects with missing properties or values, or remove unwanted ones.
- 06

Intelligent annotations
Mark up PDF/Word documents and drawings — annotations convert to digital objects.
- 07

Display controls
Mark up models with sketches, sectioning, measurements, wireframing and more.
- 08

Revision Diff checks
Run quick checks between two revisions of any dataset. Maintains result history.
- 09

Compliance validation
Check data against user-defined rules — naming violations, incorrect standards, requirements.
- 10

Comparison validation
Compare datasets to find discrepancies, errors and missing / duplicate / mismatched items.
- 11

Data grouping
Group and collect objects by any user-defined criteria (supports CFIHOS checks).
- 12

Referencing
Link data objects across datasets.
- 13

Tagging & comments
Tag items and leave comments.
- 14

Assign actions
Assign tasks against specific objects — e.g. an asset tag in a plant model or an XML P&ID element.
- 15

Version control
Track successive versions of the same dataset.
- 16

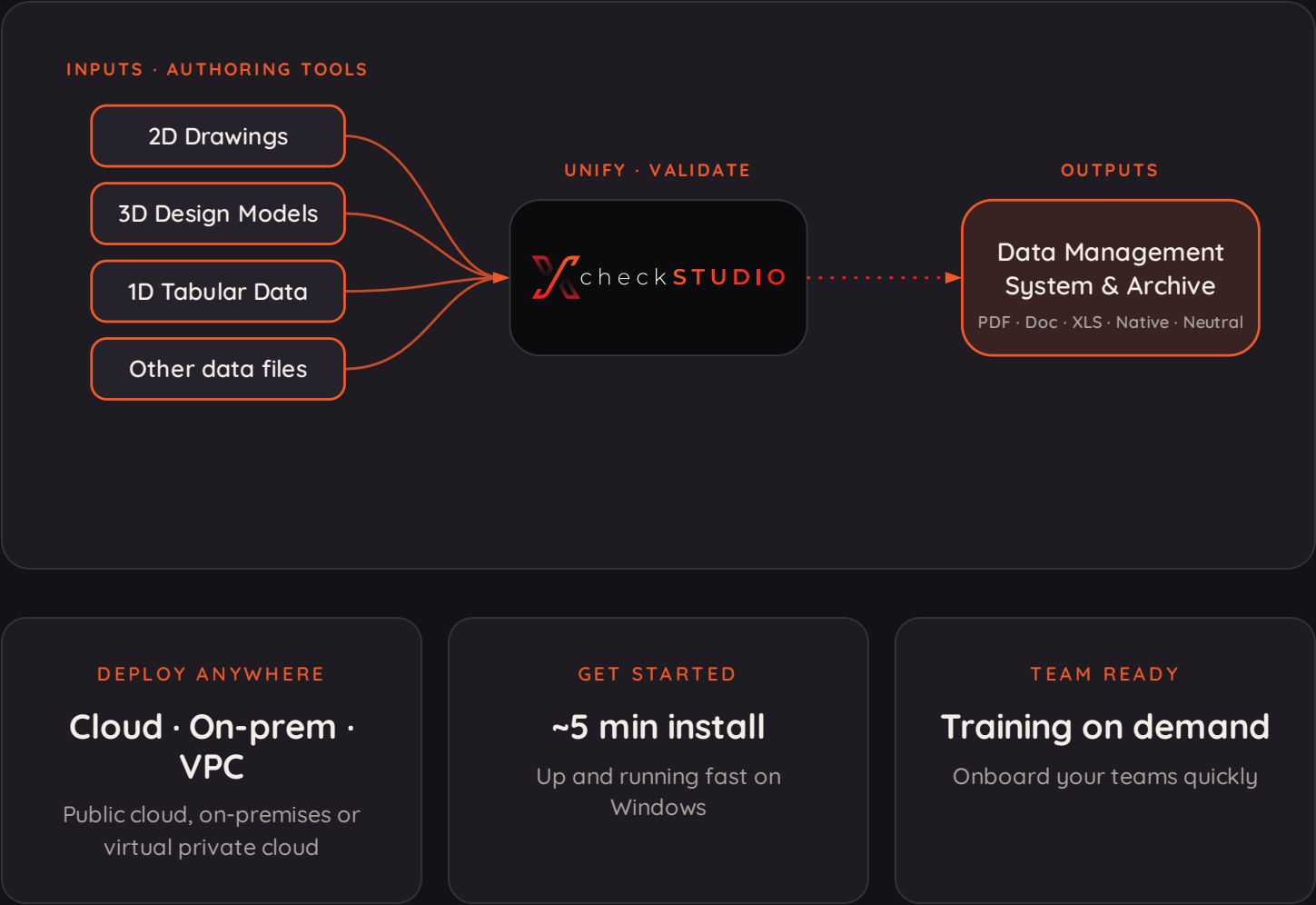
Registers
A rules-powered grid for data consolidation, monitoring and dashboarding.
- 17

Flexible deployment
Public cloud, on-premises or virtual private cloud. ~5 min install, training on demand.
- 18

XcheckStudio Assistant
An AI tool delivering step-by-step guides, feature descriptions and answers — in any language.

Deployment expectations

Authoring tools across every discipline feed **XcheckStudio**, which relates and validates their data, then hands it on to the wider data-management landscape — in **PDF, Doc, XLS, native or neutral** formats.





Your Single Source of Clarity.

The collaboration platform to **Integrate, Validate and Manage** industrial data. Turn scattered, unverified inputs into a dependable single source — ready for downstream analytics and AI.

Experience data **clarity** from your digital twins the right way.

xcheck.studio



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