CAD ADMINISTRATION: CONFIGURATION AND MAINTENANCE OF YOUR CAD ENVIRONMENT

CAD Administration: standardized, structured, scalable

<u>Professional configuration and catalog management</u>

A high-performance, maintainable, and well-structured CAD environment is the foundation of efficient planning projects in plant engineering.
IntegaDesign supports you in setting up and maintaining your CAD framework – with a clear focus on compliance with standards, reusability, and automation.

In particular, we manage projects in Autodesk® Advance Steel™, Autodesk® Navisworks®, Autodesk® Revit® and Autodesk® Inventor®, Autodesk® AutoCAD® Plant 3D™,
 Autodesk® Vault and Autodesk® BIM Collaborate Pro.

We not only advise you on the technical implementation, but also take care of the complete creation, configuration and documentation of your CAD structures – individually, modularly and traceably at any time.

Our services in the area of CAD administration

✅ CREATION AND MAINTENANCE OF COMPONENT CATALOGS AND CLASSES

We develop comprehensive, standard-compliant catalogs and object classes for you – precisely tailored to your technical and operational requirements:

Piping components, valves, instrumentation

Steel construction profiles and support classes

Cable support systems and special components

✅ SYMBOLS AND TEMPLATE MANAGEMENT

We create the necessary symbols and develop consistent CAD templates for plant engineering disciplines – tailored to your project standards:

Symbol libraries for P&ID planning

Ortho labels

Templates (.DWT) for 3D modeling, isometrics, orthographic drawings and P&IDs

Label styles, layer structures and graphic settings

✅ PROJECT CONFIGURATION IN AUTODESK® PLANT 3D™

As experts for Plant 3D™, we configure your project frameworks professionally – with well-thought-out structure and optimal performance:

Configuration of the project structure and drawing organization

Setting up and managing isometric styles (IsoStyles)

Creation and maintenance of report templates in the data manager

Definition and maintenance of object classes (3D & P&ID)

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✅ LABELING SYSTEMS, TAG FORMATS AND REPORTING

Structured designations and automated evaluations ensure consistency and efficiency in engineering and documentation:

Configuration of tag formats for objects, lines and documents

Creating orthographic labels with intelligent rules

Creating customized templates for the Report Creator

Connection configurations for media-compatible pipe routing

Why IntegaDesign GmbH for your CAD-Administration?

· In-depth expertise in Autodesk® products
· Over 10 years of experience in developing technical CAD standards
· Custom tools & content packages to accelerate administrative tasks
· Documentation included

Do you want to standardize, expand, or rebuild your Plant 3D™ environment?

Whether it's initial configuration, migrating existing data, or targeted optimization – we're your reliable partner.