

## CIDEON Output Management Module: Basis

### The Integration Platform of a company-wide Data-Output Management

#### Enterprise Plotting Solution

The basis module of **CIDEON Output Management** creates the basis for a company-wide reprographic plotting, and print management system. It allows the required data from a DMS or an archive system to be collected and plotted or printed in LAN/WAN or per internet onto one or several defined output processors. A stamp module enables text, logos, pictures, watermarks, etc. such as customer order numbers, release notes or the name of the person in charge to be deposited.

Different PreProcessors allow data to be collected from a wide variety of source systems such as SAP®, ERP, PPS, DMS or from archive systems. It is not important whether these are CAD, scan or office data, whether they are operating or work documents or whether they are production order papers. Converters generate the required neutral formats for the output processors. The user can always follow the course of his jobs.

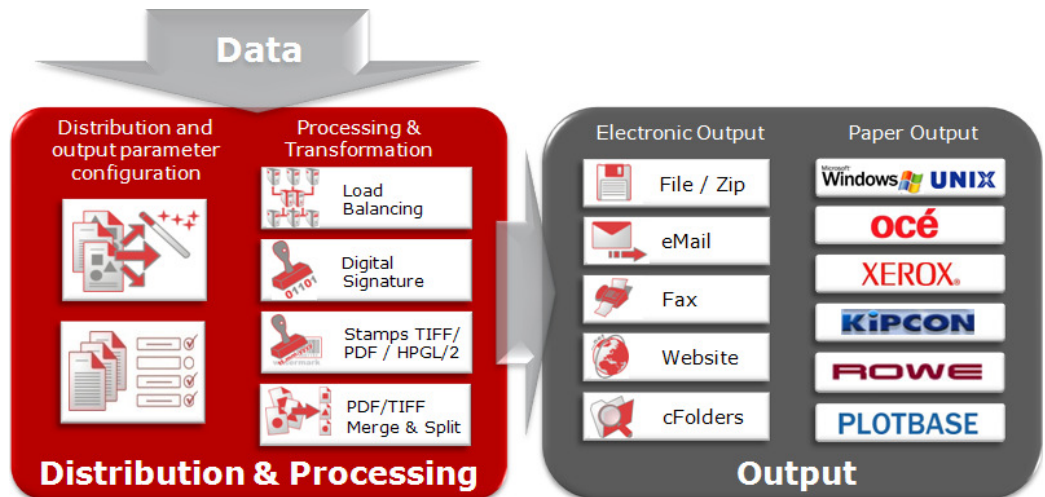


Abb.: CIDEON Output Management principle

The data is processed in three necessary steps which can communicate with each other per IP or per file system.

The **PreProcessor** contains data from the respective data sources. Each job can be allocated to an equivalent distributor with dynamic cover, content and end pages which can be created according to the customer's layout requirements. In accordance with configurable requirements, each distributor can allocate output processors and output characteristics such as rotating, mirroring, punching, folding, enlarging, reducing, etc. Each file in a job can use one or several stamps.

The **PostProcessor** takes over the automatic stamping of the neutral formats. If only the original data exists, then the PostProcessor can also create dynamic plotting formats and mark these with dynamic or static texts through stamps such

as logos, watermarks or notes on margins. A missing page list can also be generated. Lines and color management are supported. For special requirements, several PostProcessors working parallelly allow a load balancing as well as a redundancy for failure safety.

The PostProcessor can distribute its data to one or more **OutputProcessors**. These control high-end reprography processors, plotters and printers. The OutputProcessor takes on the layout management the transformation, the optimization of the paper, the processing of the setting and the triggering of the folding devices. Each output is recorded and can be allocated separately to individual cost centres. Plot info is an additional program for the Administrator with which the 3 modules can be easily configured and monitored.

## CIDEON Output Management Function overview

### PreProcessor

- Collecting the plot jobs from the DMS system or manually

- Establish the list of people receiving copies ■ Define the recipient with the number of copies ■ Predefine the processor configuration to the recipients ■ Define the presetting for the processors ■ Select the personal or standard recipients ■ Send the plot list to the defined list of people ■ Cover, end page and table of contents ■ Evaluate the conditions and priorities for a distribution key ■ Automatic or manual reading ■ Generating repro lists from the plot list ■ Automatic processing of the repro lists ■ Check of defect TIFF files ■ Layout design and fonts ■ Save repro list ■ Load repro list ■ Automatically select repro lists to the list of people receiving copies ■ Define plot parameters ■ Check repro lists ■ Special PreProcessor for SAP GUI

### PostProcessor

- Automatic generation of one or more stamps onto a document ■ Merging of logos, pictures, watermarks, static and dynamic texts, e.g. for users, date, etc. ■ Creating section plots ■ Writing on margins of documents ■ Automatic and half-automatic recognition of the format of the documents ■ Automatic conversion of documents ■ Multi page generator with multi page stamp ■ Creating digital paper ■ Generating a dynamic table of contents of the plot job ■ Generating missing pages and missing page lists as well as lists of documents to be scanned ■ Preview of documents after the conversion process at the PreProcessor ■ Pencil, color and line management ■ Converter to TIFF/PDF ■ Processing several jobs parallel to each other ■ Communication per IP or file system with the PreProcessor and OutputProcessor ■ Automatic work load balancing for the PostProcessor for conversion tasks ■ One to n PostProcessors on several servers can share the conversion work

### OutputProcessor

- Plot management of high-end reprographic processors such as Océ, Xerox, Rowe, KIP and other controllers with SSL instruction setting ■ Support for all Windows and Unix plotters and printers ■ Fax ■ E-mail ■ www ■ SAP c Folder ■ File system output ■ Email compressed files ■ Triggering of one or several processors ■ Printing of barcodes ■ Generating backup copies and protocol files ■ Media management and end processing ■ Transformations ■ Processing of different data formats and layouts ■ Operating and output processor control ■ Paper optimization ■ Booklet edge, folding and folding methods ■ Typesetting processing ■ Recording all printed documents and their plot parameters ■ Parallel processing of all output processes ■ Optional Multi-TIFF – TIFF-Splitter for output of Multi-TIFF files on TIFF output processors ■ All plot jobs allocated to specific cost centres ■ send plot jobs as an email ■ save plot jobs as neutral files like TIF or PDF

### PlotInfo - Administration

- Define cover, end page and table of contents ■ Define and establish priorities of number of settings ■ Layout design and fonts, layout selection ■ Define and set conditions and priorities for a distribution key ■ Stamp configuration device

### Communication

- Information about the current status of a job for a user.

## Additional solutions which you may want to use:

### CIDEON Output Management

Companywide plot- and outputmanagement for SAP PLM and SAP® DMS

### CIDEON Import PDM

Import of documents in SAP®- DMS or PDM systems

### CIDEON CAD Migrator for SAP PLM

CAD file migration and automatic editing extracted files

SAP PLM Integration for AutoCAD, Inventor, MDT, MicroStation, Solid Edge and SolidWorks Administration of CAD with SAP®-DMS

### CIDEON SAP PLM CADENAS Integration

SAP standard parts management integration

### CIDEON AutoCAD Integration for EAM / RE with SAP

Technical asset- and plant management based of AutoCAD

### CIDEON Conversion Engine for SAP PLM

The automatic generation of universal and exchange formats using SAP® -DMS

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