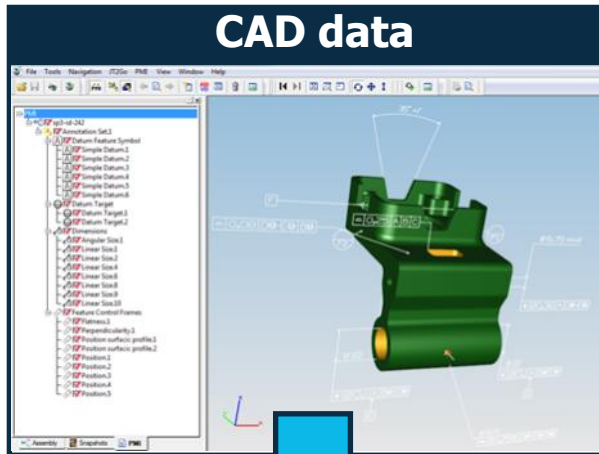
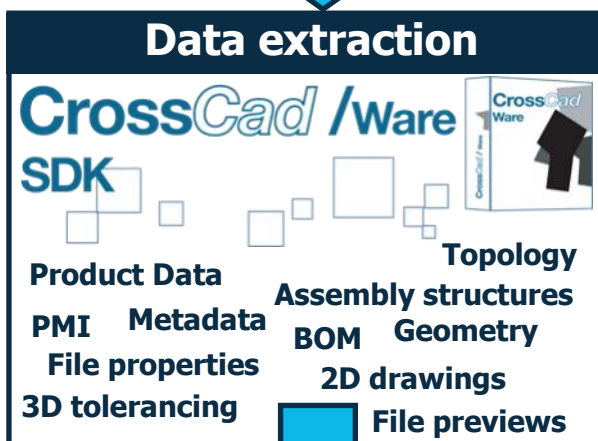


## CAD data API for ERP software vendors

Datakit has been working for more than 25 years on providing CAD API for **ERP** purpose. The company provides a toolkit to **extract data from original native CAD files**, without needing a CAD software license.



### CAD data

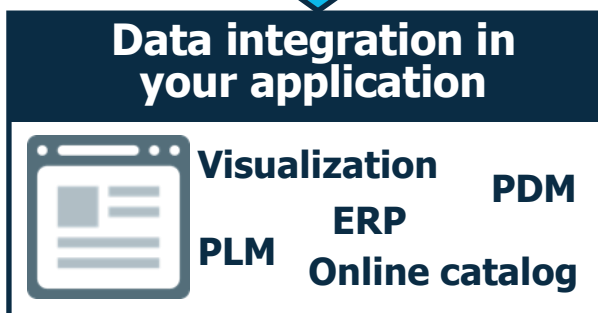


### Data extraction

**CrossCad /Ware SDK**

Product Data  
PMI Metadata  
File properties  
3D tolerancing

Topology  
Assembly structures  
BOM  
Geometry  
2D drawings  
File previews



### Data integration in your application

Visualization  
PLM  
ERP  
Online catalog  
PDM

### Extracting characteristics from CAD files

The toolkit allows to extract the characteristics of CAD data (2D or 3D) to integrate them in your application. These characteristics can be used inside the ERP to provide various information to the user.

Various types of data are supported:

- **Assembly structures, BOM**
- **Geometry / topology / mesh** representation (for visualization)
- **File properties**
- **Metadata** (Material, Supplier, Cost...)
- **Product Data**
- **Product Manufacturing Information** (3D tolerancing, 2D drawings)
- **File previews** as 2D thumbnail (JPEG / PNG / GIF)

### Two integration methods

**CrossCad/Ware FileToFile** transfers CAD files to **2D or 3D-PDF** formats to visualize and share original CAD data easily.

**CrossCad/Ware SDK** toolkit allows Independent Software Vendors to integrate these data into their own process.

CrossCad/Ware FileToFile is also supporting conversion of native 2D and 3D CAD data to **DXF** and **STEP AP242**, thus transferring PMI representation to standard CAD formats.

### An API for all types of software

Datakit technology can be useful for any Software company wanting to integrate CAD data in its application. All domains can benefit from it, including:

- Enterprise Resource Planning (**ERP**)
- Product Data Management (**PDM**)
- Product Lifecycle Management (**PLM**)
- Online catalog
- ...

### Why select Datakit API?

- Access **multi formats CAD data**, native or neutral with a single API
- **Easy to integrate** in your application
- Does **not require CAD licenses**
- **Control** of the whole conversion process
- Advanced **functionalities**
- **Large range of entities** covered
- **Quickness** of data treatment
- **Independent** from CAD API
- **Transparent** to the end users
- **Portable**
- Possibility to **stand out from your competitors**, by providing innovative features