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# CIDEON Vault® Professional® 2017 Integration to SAP® PLM

The responsibility for innovations today doesn't lay in the hands of product designers and engineers only. The most successful companies involve all of the participating departments (engineering, marketing and sales, production, purchase, quality, and service) as well as external parties into the product development.

A Product Data Management (PDM) system must meet the requirements to support smooth cooperation between the different divisions through Integration into Enterprise Ressource Planning (ERP) systems. A good example is the evaluation of feedback from prototyping which is important and elementary as well as collaboration with the purchasing department in order to decrease costs.
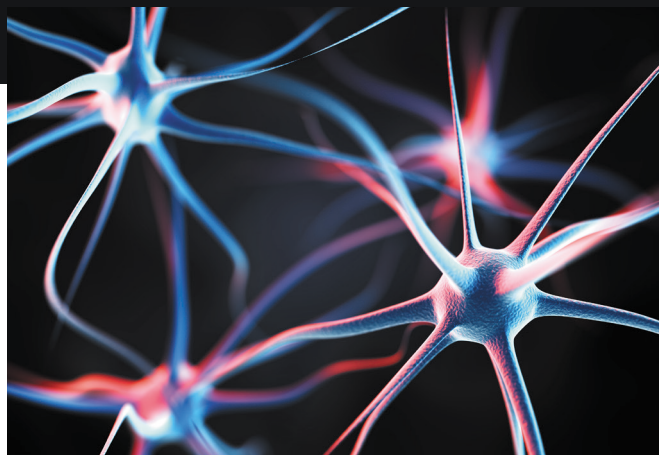
## PDM / PLM Integration - Made Easy

**CIDEON Vault Professional Integration to SAP PLM offers the basis for the intelligent exchange of development-relevant documents, material masters and bill of materials between Autodesk® Vault Professional 2017 and SAP® ERP/PLM.**

- Identical item- or material numbers and descriptions
- Continuously available current drawings, models and previews for other departments
- Consistent release procedures for the product development processes throughout the company
- User comfortably operate SAP PLM functions directly from the Vault Professional 2017 main or context menu
- Practical toolboxes for simple handling

### AUTODESK. Software Solutions for digital Product Development

Autodesk® Inc. is a world leading supplier of 3D design software for engineering & construction and delivers tools to turn ideas to tangible experiences, even before realized. With powerful technology for the creation of digital prototypes Autodesk revolutionizes and optimizes process-, mechanics and mechanical engineering. Autodesk Vault® Professional 2017 is the most comprehensive of the Autodesk PDM products.

### Product Lifecycle Management is a part of SAP ERP

SAP® Product Lifecycle Management (SAP PLM) is part of SAP® Enterprise Ressource Planning (SAP ERP). It fullfills the company-wide requirements for the information management of the entire product lifecycle by allocating always consistent and homogeneous product information, from an economic software perspective.

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The Autodesk Vault Item Explorer with SAP Material information.

## Integration Capabilities

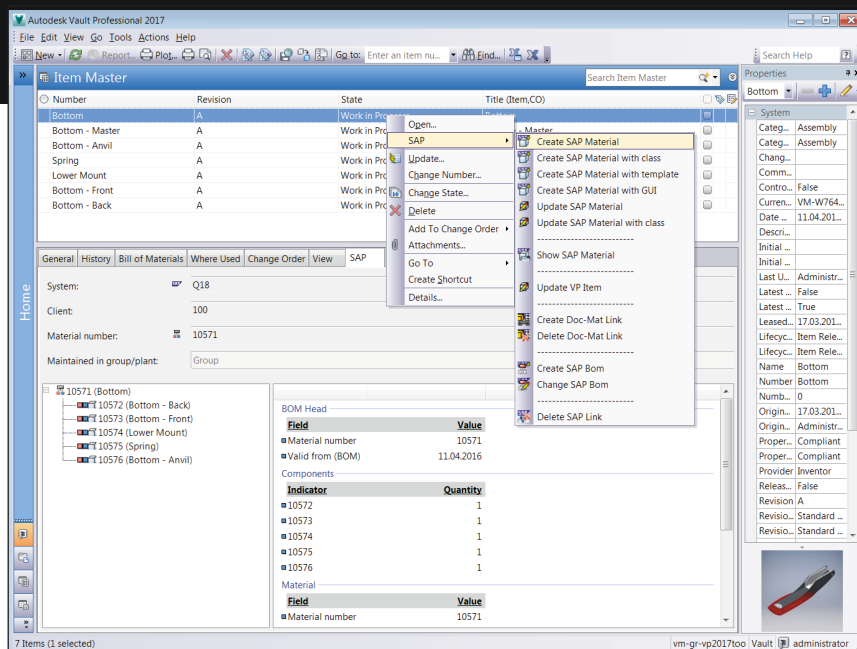### SAP PLM Document Management System (SAP DMS)

- Multilingual creation & update of SAP Documents
- Attachment of exchange / neutral file formats
- Automatic objectlinks between Documents and SAP Materials
- Document versioning
- Support of the SAP release process directly from Autodesk Vault Professional 2017
- Creation & update of SAP classification attributes
- Customer-specific workflow definition

### Integration in SAP Material Management (SAP MM)

- Options for multilingual SAP Material Master creation with material classification, templates, long texts
- Update of Autodesk Vault Professional 2017 data in SAP MAT fields
- Customer-specific workflow definition

### Integration in SAP BOM Maintenance

- Cross-plant creation of SAP Bill of Materials: (BOM), single- and multilevel
- Change / update Vault Professional data in SAP BOM fields
- Display of SAP BOMs / comparison with Vault BOMs

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### Technical communication

- The communication is based upon standardly available SAP BAPIs and remote function call (RFC).
- The user logs on the SAP system one time.
- Autodesk Vault Professional manages the access control.
- SAP transports are needed for licensing.

### Installation of the integration

- MSI installation (silent)
- One installation per user
- Quick deployment through testinstallation, including two licenses

### Version- and system requirements

- SAP-System 4.6 C to ECC 6.0
- SAP GUI 7.3
- Windows 7 32 / 64 bit

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DeuZert · Deutsche Zertifizierung · DIN EN ISO 9001:2008

SAP Silver Partner

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