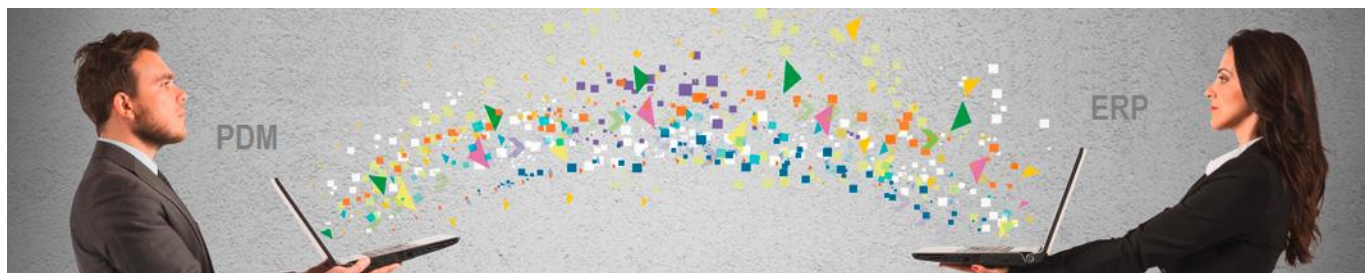# Connect SOLIDWORKS and your ERP for greater productivity!

PDM Gateway is the perfect solution to enable data and documents to be exchanged in the design office between SOLIDWORKS PDM Professional and your ERP
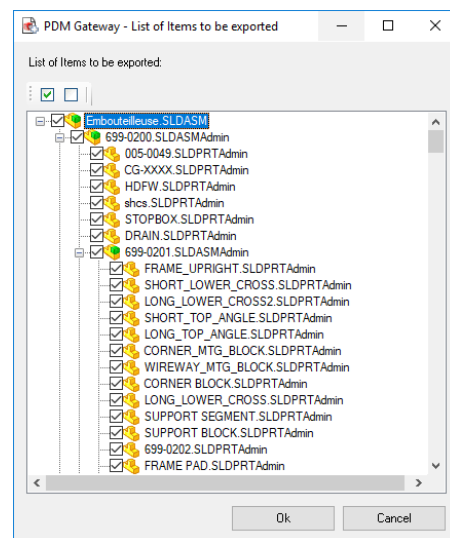
WHO IS PDM Gateway AIMED AT?

Companies equipped with SOLIDWORKS PDM Professional and an ERP solution, who want to guarantee the digital chain of digital product information from the design stage right through to manufacture

YOUR CHALLENGES

> To guarantee the overall consistency of the technical data in your information system
> To improve productivity by reducing manual operations in the digital chain
> To adapt the tools in the design office to the organisation and work methods used by the company

OUR SOLUTION

> Standard unique interface to automatically merge information in SOLIDWORKS PDM Professional and your ERP
> Fully customisable interface adaptable to all ERP contexts
> Optimisation and acceleration of transition from design to production

List of items to be exported to ERP

ADVANTAGES

AUTOMATE THE EXCHANGE OF INFORMATION BETWEEN DESIGN AND PRODUCTION

> Maximise the value of your technical data by synchronising the two environments
> Automated integration of data from the design office into ERP
> Recover ERP data to enrich your design lists

ENSURE RELIABILITY AND UNIQUENESS OF DATA

> Eliminate data re-entry errors and multiple interfaces
> Avoid oversights relating to sending or updating in ERP
> Guarantee consistency and uniqueness of data throughout the industrial process

INCREASE TEAM PRODUCTIVITY

> Accelerate time-to-market
> Improve design and innovation capabilities in the design office
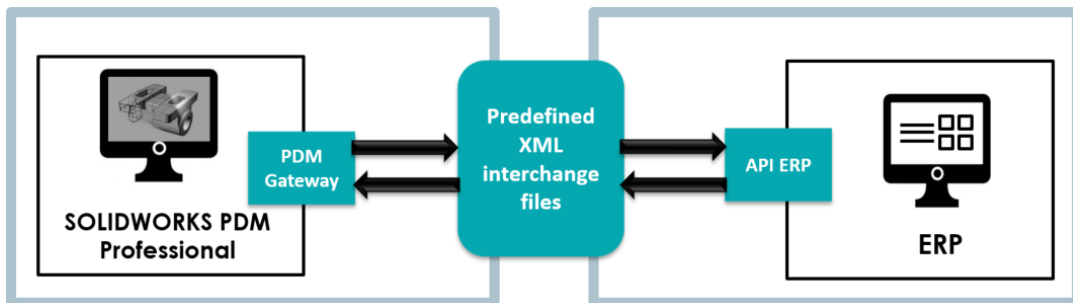> Secure a better return on your PDM and ERP investments

KEY FUNCTIONALITIES

Export SOLIDWORKS PDM Professional information into ERP:

> Manual or automatic activation in a validation process of a stage of the lifecycle
> Automatic generation of 2D or 3D PDF files and made available for ERP

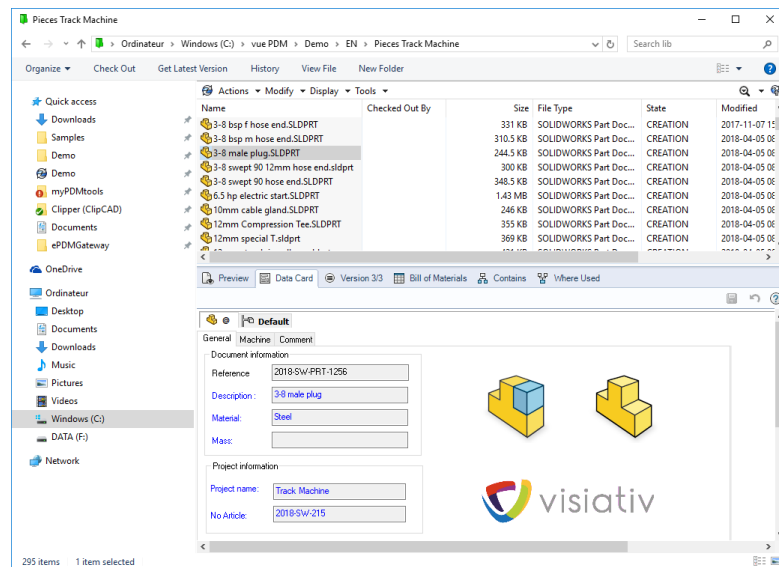## Import information into SOLIDWORKS PDM Professional from ERP

> Regular planning of import processing from ERP
> Processing of files from ERP:
>   ▪ Update document attributes
>   ▪ Change document status (expiry, etc.)
>   ▪ Option to automatically create SolidWorks files (from templates) corresponding to item numbers previously created in ERP

Interface operating principle

Application configurations

> Configuration of the PDM list export:
>   ▪ Structure of lists
>   ▪ Export filters
>   ▪ Document attributes
>   ▪ Management of configurations
>   ▪ Types of files transferred
>   ▪ Categories of items
> Option to export SW lists directly
> Option to adapt the format of files exchanged (XSLT processing)

Examples of ERP formats already used with PDM Gateway

> CEGID PMI (CEGID)
> CLIPPER (CLIP Industrie)
> ProConcept (SOLVAXIS)
> DIVALTO (DIVALTO)
> SYLOB (SYLOB)
> ENOVIA (Dassault Systèmes)
> ABAS (Abas PGI)
> etc.

Managing part numbers in ERP

OUR CUSTOMERS