

# Schiedel offers powerful customer service for BIM, architecture and plant engineering with 3D CAD BIM library from CADENAS

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Several assemblies in all important CAD formats always available up-to-date and compatible



Heating. Venting. Living.

The company was founded in 1946 and is one of the leading manufacturers for exhaust gas systems in new buildings. Energy efficiency is of primary importance. Therefore efficiency should also be possible for the customers' design process. This is why the company decided for CADENAS' Electronic Product Catalog, to improve its BIM area for tendered architecture projects, plant engineering etc.

The screenshot shows the CADENAS Electronic Product Catalog interface for Schiedel. The top navigation bar includes the Schiedel logo, navigation tabs for "Willkommen", "CAD Modelle", and "Administration", and user options like "Mein Zugang", "S.Riedelthemer", and "Abmelden". The breadcrumb trail reads: "Schiedel > Edelstahlssysteme > ICS25 Das Doppelwandsystem von Schiedel > Rauchrohranschluss 90° - ICS25 > CAD MODELL >". Below the breadcrumb is a search bar with the text "Suchtext oder Artikelnummer bitte hier eingeben..." and a "Suchen" button. There are three buttons: "Generiere CAD MODELL", "Generiere PDF-Datenblatt", and "Angebotsanfrage". The main content area displays a table for the product "RA\_lang 150/90/0,5/316/BA/ICS25".

Attribute	Value	Unit	Lock
MAT Material	100882		🔒
EAN EAN/UPC-Code	4037494166031		🔒
SYS System	ICS25		🔒
SAP SAP Shorttext	RA_lang 150/90/0,5/316/BA/ICS25		🔒
INT Innen Ø	150	mm	🔒
EXT Aussen Ø	200	mm	🔒
A	455	mm	🔒
B	209	mm	🔒
C	140	mm	🔒
WT	90	-	🔒
NL Normlänge	500	mm	🔒
ML Material / Liner	316		🔒

On the right side, there is a 3D CAD model of the chimney component with dimensions: 140, 40, 455, 200, 90, and 150. Below the model are icons for different file formats. At the bottom right, there are sections for "Download CAD MODELLE" (with a "CAD Formate auswählen" dropdown), a message "Sie haben noch keine CAD MODELLE zur Generierung und damit zum Download oder E-Mail Versand ausgewählt.", and "Niederlassungen Katalog Hersteller" (with an "Adresse" dropdown). The footer shows "Katalog: Schiedel".

Work faster and easier with current data

The Electronic Product Catalog – based on the eCATALOG solutions technology – and access to the 3D CAD download portal <http://schiedel.partcommunity.com> are the basis for Schiedel customer service on a grand scale. “Primarily, we want engineers, planners and architects to have a significant influence on the choice of the chimney at the beginning of the planning process. With an Electronic Product Catalog, working as a 3D CAD library, this is a lot easier, since data is always up-to-date and correct“, Herbert Pühringer explains, who is responsible for the design area and 3D BIM CAD libraries at Schiedel.

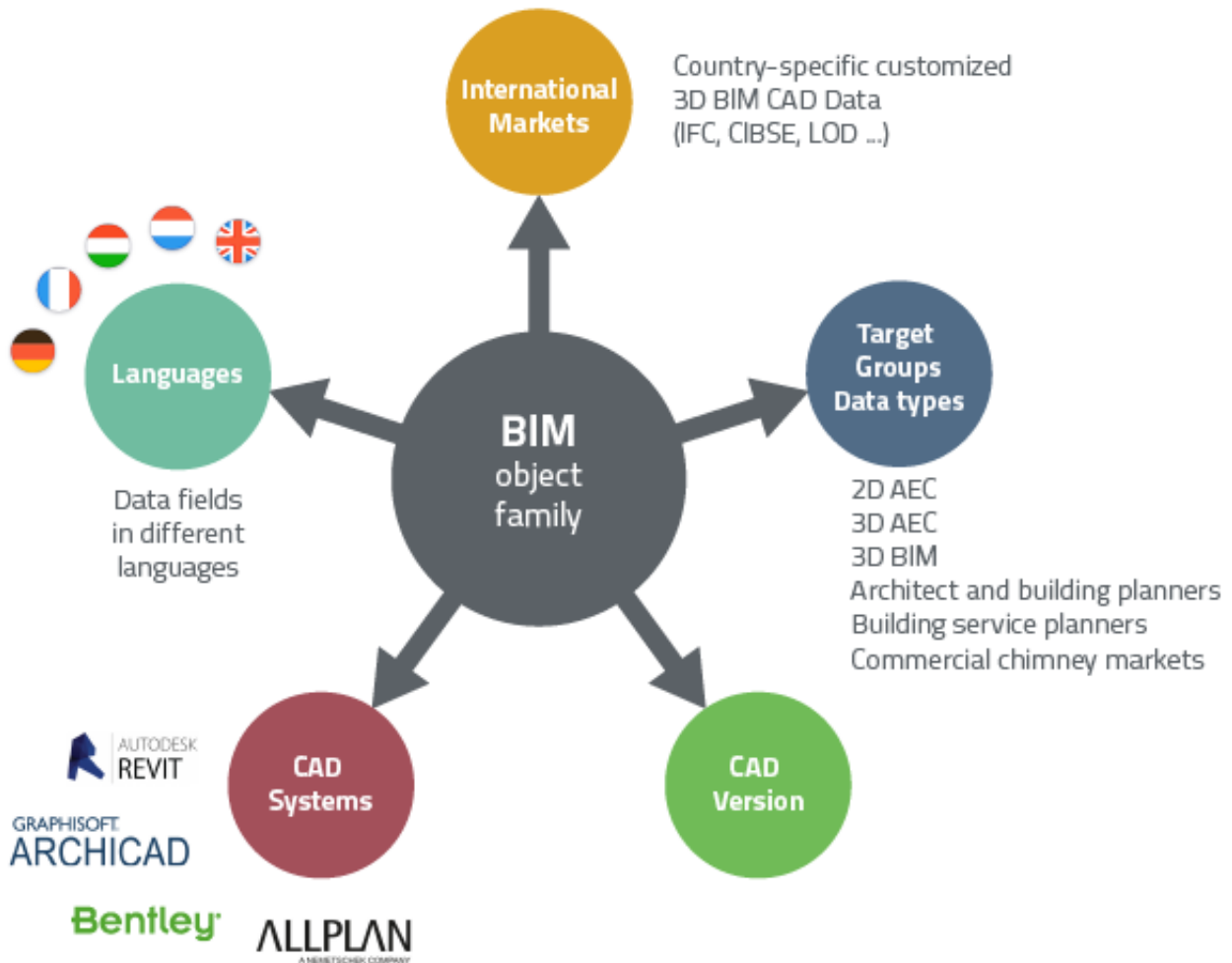
## **Download BIM- and AEC CAD data around the clock**

Currently the double-wall system ICS25 is available as download. Schiedel ICS is a double-walled stainless steel exhaust system with continuous modular-type insulation, suitable for exhaust gas routing from fireplaces with gaseous, liquid and solid fuels.

All BIM- and AEC CAD formats, like Autodesk Revit, Nemetschek Allpan and Grafisoft Archicad for the respective CAD systems and purposes, are available to engineers, planners and purchasers.

Regardless of location and time, customers can access data, download or select 3D BIM CAD models immediately during a consultation meeting. It is also ensured that the products can be provided in all current languages.

Further 3D BIM CAD libraries for stainless steel and ceramic chimneys as well as Kingfire furnace systems are being planned.

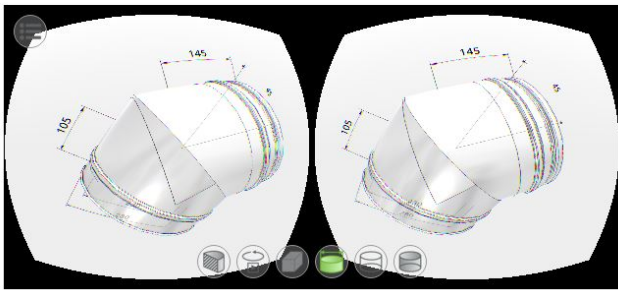


### 3D visualization with dimensioning



Depending on the application, components can be perfectly selected as individual parts or configurable assemblies (in preparation for the ceramic chimney sector). The web visualization in 3D with dimensioning is possible as well as the usual 2D view.

### Virtual reality supports the imagination of architects and planners



As an additional highlight, engineers can use the virtual reality feature of the interactive product catalog. With a cardboard viewer and smartphones, architects can look at 3D models. This supports the imagination of users and Schiedel products can be experienced more easily.

## **Topicality and compatibility**

The major bonus point for Schiedel customers is CADENAS as a powerful ally. The software developer from Augsburg ensures topicality. Moreover, compatibility is guaranteed with all important CAD systems and versions of the included BIM- and AEC CAD data in the Electronic Product Catalog.

## **Long-term experience builds confidence**

So far, components have been perfectly prepared for users, however we are still on “level one“, says Jürgen Heimbach, CEO at CADENAS. Further extension and development will follow.

Herbert Pühringer explains why the cooperation between Schiedel and CADENAS is not without reason: “We have known CADENAS for a long time. In our internal design, we often work with components from diverse electronic catalogs“, he confirms. “Moreover CADENAS is one of the few providers of 3D CAD objects for mechanical engineering (plant engineering) as well as architecture (BIM). This way we kill two birds with one stone.“

