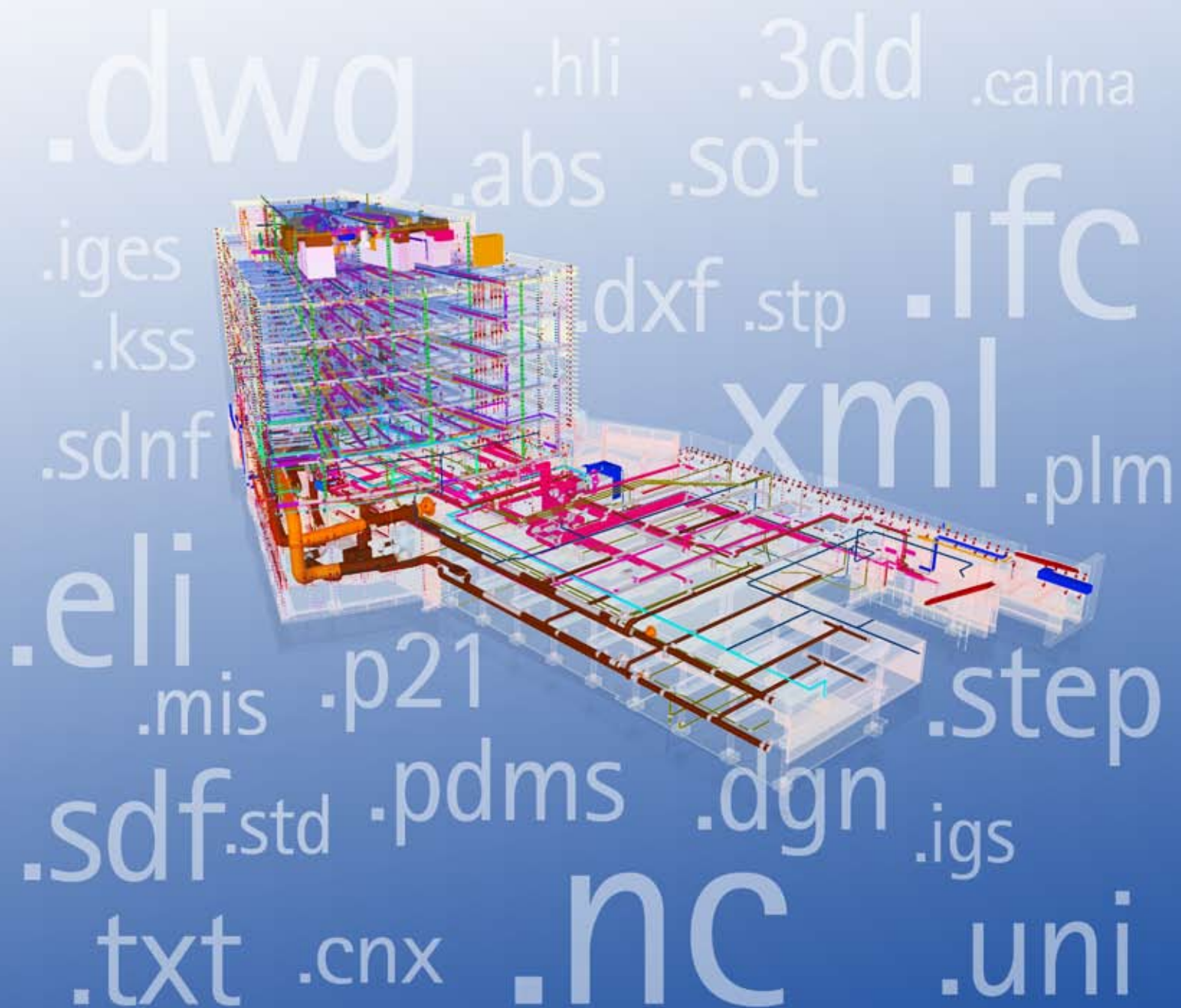




**TEKLA** Structures

THE OPEN SOFTWARE SOLUTION





### Formats that are importable to Tekla Structures from other applications

### Supported formats that are exported from Tekla Structures to other applications

Product	Company	Importable formats	Exportable formats
3D+	Tekla	AutoCAD (.dwg) AutoCAD (.dxf) Steel Detailing Neutral Format (.sdf,.sdfn)	AutoCAD (.dwg) AutoCAD (.dxf)
Advance Steel	GRAITEC	CIS/2 LPM5 analytical (.stp,.p21,.step) Steel Detailing Neutral Format (.sdf,.sdfn)	
Allplan	Nemetschek	AutoCAD (.dwg) AutoCAD (.dxf) IFC2X3 (.ifc) Microstation (.dgn)	AutoCAD (.dwg) AutoCAD (.dxf) IFC2X3 (.ifc) Microstation (.dgn)
ArchonCAD	ArchonCAD Ltd.	AutoCAD (.dwg) AutoCAD (.dxf) IGES (.iges, .igs)	AutoCAD (.dwg) AutoCAD (.dxf)
AutoCAD Architecture	Autodesk	AutoCAD (.dwg) AutoCAD (.dxf) IFC2X3 (.ifc) IGES (.iges, .igs)	AutoCAD (.dwg) AutoCAD (.dxf) IFC2X3 (.ifc) Microstation(.dgn)
AutoCAD Civil 3D	Autodesk	AutoCAD (.dwg) AutoCAD (.dxf) Microstation (.dgn)	AutoCAD (.dwg) AutoCAD (.dxf)
AutoCAD MEP	Autodesk	AutoCAD (.dwg) AutoCAD (.dxf) IFC2X3 (.ifc)	AutoCAD (.dwg) AutoCAD (.dxf) IFC2X3 (.ifc) Microstation (.dgn)
Autodesk 3ds Max	Autodesk	AutoCAD (.dwg) AutoCAD (.dxf) IGES (.iges, .igs)	AutoCAD (.dwg) AutoCAD (.dxf)
Autodesk 3ds MAX Design/VIZ	Autodesk	AutoCAD (.dwg) AutoCAD (.dxf) IGES (.iges, .igs)	AutoCAD (.dwg) AutoCAD (.dxf)
Autodesk Inventor	Autodesk	AutoCAD (.dwg) AutoCAD (.dxf) IGES (.iges, .igs) STEP AP203/AP214 (.stp,.step)	AutoCAD (.dwg) AutoCAD (.dxf) STEP AP214 (.stp,.step)
Autodesk Maya	Autodesk	AutoCAD (.dxf) IGES (.iges, .igs)	STEP AP214 (.stp,.step) Autodesk Maya AutoCAD (.dxf)
AutoPLANT	Bentley	AutoCAD (.dwg) AutoCAD (.dxf)	AutoCAD (.dwg) AutoCAD (.dxf)
AutoVue	Oracle		AutoCAD (.dwg) AutoCAD (.dxf) IFC2X3 (.ifc) STEP AP214 (.stp,.step)
AxisVM	Inter-CAD Kft.	Direct Link	Direct Link IFC2X3 (.ifc)
Bentley Architecture	Bentley	AutoCAD (.dwg) AutoCAD (.dxf) IFC2X3 (.ifc) Microstation (.dgn) STEP AP203/AP214 (.stp,.step)	IFC2X3 (.ifc) Microstation (.dgn) STEP AP214 (.stp,.step)
Bentley Building Electrical Systems	Bentley	AutoCAD (.dwg) AutoCAD (.dxf) IFC2X3 (.ifc) Microstation (.dgn) STEP AP203/AP214 (.stp,.step)	IFC2X3 (.ifc) Microstation (.dgn) STEP AP214 (.stp,.step)

Product	Company	Importable formats	Exportable formats
Bentley Building Mechanical Systems	Bentley	AutoCAD (.dwg) AutoCAD (.dxf) IFC2X3 (.ifc) Microstation (.dgn) STEP AP203/AP214 (.stp,.step)	
Bentley Structural	Bentley	AutoCAD (.dwg) AutoCAD (.dxf) CIS/2 LPM6 design (.stp,.p21,.step) IFC2X3 (.ifc) Microstation (.dgn) Steel Detailing Neutral Format (.sdf,.sdnf) STEP AP203/AP214 (.stp,.step)	IFC2X3 (.ifc) Microstation (.dgn) STEP AP214 (.stp,.step)
BVBS	BVBS		BVBS (.abs)
CAD-Duct and CAD-MEP	MAP	AutoCAD (.dwg) AutoCAD (.dxf) IFC2X3 (.ifc) IfcXML 2X3 (.xml)	AutoCAD (.dwg) AutoCAD (.dxf) IFC2X3 (.ifc) IfcXML 2X3 (.xml)
Cadmatic	Cadmatic	AutoCAD (.dwg) AutoCAD (.dxf) Cadmatic models (.3dd)	AutoCAD (.dwg) AutoCAD (.dxf)
CADPipe	AEC Design Group	AutoCAD (.dwg) AutoCAD (.dxf)	AutoCAD (.dwg) AutoCAD (.dxf)
CADWorx Plant	COADE, Inc.	AutoCAD (.dwg) AutoCAD (.dxf)	AutoCAD (.dwg) AutoCAD (.dxf)
CATIA	Dassault	AutoCAD (.dwg) AutoCAD (.dxf) IGES (.iges, .igs) Steel Detailing Neutral Format (.sdf,.sdnf) STEP AP203/AP214 (.stp,.step)	AutoCAD (.dwg) AutoCAD (.dxf) Steel Detailing Neutral Format (.sdf,.sdnf) STEP AP214 (.stp,.step)
Constructor	VICO Software	AutoCAD(.dwg) AutoCAD(.dxf) IFC2X3(.ifc) IfcXML 2X3(.xml) Microstation(.dgn)	AutoCAD (.dwg) AutoCAD (.dxf) IFC2X3 (.ifc) IfcXML 2X3 (.xml) Microstation (.dgn)
CYPECAD	Cype	Direct Link	
Daystar Software	Daystar Software Inc.	AutoCAD (.dxf) Steel Detailing Neutral Format (.sdf,.sdnf)	AutoCAD (.dxf) Steel Detailing Neutral Format (.sdf,.sdnf)
DDS-CAD	DDS	IFC2X3 (.ifc)	IFC2X3 (.ifc)
Diamonds	Buildsoft	Direct Link	Direct Link
Digital Project	Gehry Technologies	AutoCAD (.dwg) AutoCAD (.dxf) IGES (.iges, .igs) Steel Detailing Neutral Format (.sdf,.sdnf) STEP AP203/AP214 (.stp,.step)	AutoCAD (.dwg) AutoCAD (.dxf) Steel Detailing Neutral Format (.sdf,.sdnf) STEP AP214 (.stp,.step)
DuctDesigner 3D	QuickPen	AutoCAD (.dwg) AutoCAD (.dxf) IFC2X3 (.ifc)	AutoCAD (.dwg) AutoCAD (.dxf) IFC2X3 (.ifc)
elcoCAD	Hannappel SOFTWARE GmbH	AutoCAD (.dwg) AutoCAD (.dxf)	AutoCAD (.dwg) AutoCAD (.dxf)
ELiPLAN	Elematic		ELiPLAN (.eli)
ELiPOS	Elematic		ELiPLAN (.eli)
EliteCAD	Messerli Informatik	IFC2X3 (.ifc)	IFC2X3 (.ifc)
ETABS	Computers Et Structures, Inc	AutoCAD (.dwg) AutoCAD (.dxf) CIS/2 LPM6 analytical (.stp,.p21,.step) Steel Detailing Neutral Format (.sdf,.sdnf)	AutoCAD (.dwg) AutoCAD (.dxf) CIS/2 LPM6 analytical (.stp,.p21,.step) Steel Detailing Neutral Format (.sdf,.sdnf) STEP AP214 (.stp,.step)
FabPro Pipe	UHP Process Piping Inc.	AutoCAD (.dwg) AutoCAD (.dxf)	AutoCAD (.dwg) AutoCAD (.dxf)
FabTrol MRP	FabTrol	FabTrol MIS XML (.xml)	FabTrol MIS XML (.xml) FabTrol KISS File (.kss) Tekla-FabTrol Report (.xsr)

Product	Company	Importable formats	Exportable formats
FactoryCAD	Siemens	AutoCAD (.dwg) AutoCAD (.dxf)	AutoCAD (.dwg) AutoCAD (.dxf)
Fastrak	CSC	Direct link	Direct link
FelixCAD	SofTec	AutoCAD (.dwg) AutoCAD (.dxf)	AutoCAD (.dwg) AutoCAD (.dxf)
FEM Design	StruSoft	Direct Link IFC2X3 (.ifc)	Direct Link IFC2X3 (.ifc)
Floor Pro	Adapt Corporation	AutoCAD (.dwg) AutoCAD (.dxf)	AutoCAD (.dwg) AutoCAD (.dxf)
FormZ	AutoDesSys, Inc	AutoCAD (.dwg) AutoCAD (.dxf) IGES (.iges, .igs) STEP AP203/AP214 (.stp,.step)	AutoCAD (.dwg) AutoCAD (.dxf) STEP AP214 (.stp,.step)
Graphisoft ArchiCAD	Nemetschek	AutoCAD (.dwg) AutoCAD (.dxf) IFC2X3 (.ifc) IfcXML 2X3 (.xml)	AutoCAD (.dwg) AutoCAD (.dxf) IFC2X3 (.ifc) IfcXML 2X3 (.xml)
GT Strudl	GT Strudl	Direct Link AutoCAD (.dxf) CIS/2 LPM6 analytical (.stp,.p21,.step)	Direct Link AutoCAD (.dxf)
HMS	HMS		HMS (.sot)
HOOPS	Tech Soft 3D		AutoCAD (.dwg) AutoCAD (.dxf)
IronCAD	IronCAD	AutoCAD (.dwg) AutoCAD (.dxf) IGES (.iges, .igs) STEP AP203/AP214 (.stp,.step)	AutoCAD (.dwg) AutoCAD (.dxf) STEP AP214 (.stp,.step)
KeyCreator	Kubotek	AutoCAD (.dwg) AutoCAD (.dxf) IGES (.iges, .igs) STEP AP203/AP214 (.stp,.step)	AutoCAD (.dwg) AutoCAD (.dxf) STEP AP214 (.stp,.step)
LEIT2000	SAA		Unitechnik (.cam)
MagiCAD	Progman	AutoCAD (.dwg) IFC2X3 (.ifc)	AutoCAD (.dwg) IFC2X3 (.ifc)
MasterFrame	MasterSeries		DSTV (.nc,.stp,.mis)
Maxon Cinema 4D	Nemetschek	AutoCAD (.dwg) AutoCAD (.dxf)	AutoCAD (.dwg) AutoCAD (.dxf)
Mesh Welding	Filzmoser		Unitechnik (.cam)
Mesh Welding	Progress / EBAWE		Unitechnik (.cam)
Microsoft Office Project	Microsoft	Project (.xml)	Project (.xml)
Microstation	Bentley	AutoCAD (.dwg) AutoCAD (.dxf) IGES (.iges, .igs) Microstation (.dgn) STEP AP203/AP214 (.stp,.step)	AutoCAD (.dwg) AutoCAD (.dxf) IGES (.iges, .igs) Microstation (.dgn) STEP AP214 (.stp,.step)
MidasGen	MIDAS	Direct Link	Direct Link
ModeSt	Tecnisoft	Direct Link	Direct Link
Multiframe	Daystar Software Inc.	AutoCAD (.dxf) Steel Detailing Neutral Format (.sdf,.sdnf)	AutoCAD (.dxf) Steel Detailing Neutral Format (.sdf,.sdnf)
NavisWorks	Autodesk		AutoCAD (.dwg) AutoCAD (.dxf) CIS/2 LPM6 analytical (.stp,.p21,.step) IFC2X3 (.ifc) Microstation (.dgn)
NISA	Cranes Software International Ltd.	Direct Link	Direct Link
NX (Unigraph)	Siemens	AutoCAD (.dwg) AutoCAD (.dxf) IGES (.iges, .igs) STEP AP203/AP214 (.stp,.step)	AutoCAD (.dwg) AutoCAD (.dxf) STEP AP214 (.stp,.step)

Product	Company	Importable formats	Exportable formats
PDMS	AVEVA	AutoCAD (.dxf) Microstation (.dgn) Steel Detailing Neutral Format (.sdf,.sdfn)	AutoCAD (.dxf) Microstation (.dgn) Steel Detailing Neutral Format (.sdf,.sdfn)
PipeCAD	Mc4 Software	AutoCAD (.dxf)	AutoCAD (.dxf)
PipeDesigner 3D	QuickPen	AutoCAD (.dwg) AutoCAD (.dxf) IFC2X3 (.ifc)	AutoCAD (.dwg) AutoCAD (.dxf) IFC2X3 (.ifc)
Plant-4D	CEA Technology		AutoCAD (.dwg) AutoCAD (.dxf) Microstation (.dgn)
PowerConnect	Buildsoft	Work in progress	Work in progress
PowerFrame	Buildsoft	Direct Link	Direct Link
Primavera	Oracle	P6 (.xml)	P6 (.xml)
Pro/Engineer	PTC	IGES (.iges, .igs) STEP AP203/AP214 (.stp,.step)	STEP AP214 (.stp,.step)
Prokon	Prokon	CIS/2 LPM6 analytical (.stp,.p21,.step)	CIS/2 LPM6 analytical (.stp,.p21,.step)
ProSteel 3D (Kiwi Software GmbH)	Bentley	Steel Detailing Neutral Format (.sdf,.sdfn)	AutoCAD (.dwg) AutoCAD (.dxf) Microstation (.dgn) Steel Detailing Neutral Format (.sdf,.sdfn)
RAM (CAD Studio)	Bentley	AutoCAD (.dwg) AutoCAD (.dxf) CIS/2 LPM6 analytical (.stp,.p21,.step) CIS/2 LPM6 design (.stp,.p21,.step)	
Revit Architecture	Autodesk	AutoCAD (.dwg) AutoCAD (.dxf) IFC2X3 (.ifc) Microstation (.dgn)	AutoCAD (.dwg) AutoCAD (.dxf) IFC2X3 (.ifc) Microstation (.dgn)
Revit Structure	Autodesk	AutoCAD (.dwg) AutoCAD (.dxf) CIS/2 LPM6 design (.stp,.p21,.step) IFC2X3 (.ifc) Microstation (.dgn)	AutoCAD (.dwg) AutoCAD (.dxf) CIS/2 LPM6 design (.stp,.p21,.step) IFC2X3 (.ifc) Microstation (.dgn)
Revit MEP	Autodesk	AutoCAD (.dwg) AutoCAD (.dxf) IFC2X3 (.ifc) Microstation (.dgn)	AutoCAD (.dwg) AutoCAD (.dxf) IFC2X3 (.ifc) Microstation (.dgn)
RFEM	Dlubal	Direct Link CIS/2 LPM6 analytical (.stp,.p21,.step) IFC2X3 (.ifc)	Direct Link CIS/2 LPM6 analytical (.stp,.p21,.step) IFC2X3 (.ifc)
Rhinoceros	McNeel North America	AutoCAD (.dwg) AutoCAD (.dxf) IGES (.iges, .igs) Microstation (.dgn) STEP AP203/AP214 (.stp,.step)	AutoCAD (.dwg) AutoCAD (.dxf) Microstation (.dgn) STEP AP214 (.stp,.step)
Risa-3D (Suite)	Risa Technology	AutoCAD (.dxf) CIS/2 LPM6 analytical (.stp,.p21,.step) CIS/2 LPM6 design (.stp,.p21,.step) Steel Detailing Neutral Format (.sdf,.sdfn)	AutoCAD (.dxf) CIS/2 LPM6 analytical (.stp,.p21,.step) CIS/2 LPM6 design (.stp,.p21,.step)
Robot Millenium	Autodesk	Direct Link	Direct Link CIS/2 LPM6 analytical (.stp,.p21,.step) CIS/2 LPM6 design (.stp,.p21,.step)
RSTAB	Dlubal	Direct Link CIS/2 LPM6 analytical (.stp,.p21,.step) IFC2X3 (.ifc)	Direct Link CIS/2 LPM6 analytical (.stp,.p21,.step) IFC2X3 (.ifc)
SAFE	Computers Et Structures, Inc	AutoCAD (.dwg) AutoCAD (.dxf) CIS/2 LPM6 analytical (.stp,.p21,.step) IGES (.iges, .igs)	AutoCAD (.dwg) AutoCAD (.dxf) CIS/2 LPM6 analytical (.stp,.p21,.step)
SAP2000	Computers Et Structures, Inc	Direct Link AutoCAD (.dwg) AutoCAD (.dxf) CIS/2 LPM6 analytical (.stp,.p21,.step)	Direct Link AutoCAD (.dwg) AutoCAD (.dxf) CIS/2 LPM6 analytical (.stp,.p21,.step)

Product	Company	Importable formats	Exportable formats
SCIA	Nemetschek	Direct Link AutoCAD (.dwg) AutoCAD (.dxf)	AutoCAD (.dwg) AutoCAD (.dxf)
SDS/2	Design Data	AutoCAD (.dwg) AutoCAD (.dxf) CIS/2 LPM6 analytical (.stp,.p21,.step) CIS/2 LPM6 design (.stp,.p21,.step) Microstation (.dgn)	AutoCAD (.dwg) AutoCAD (.dxf) CIS/2 LPM6 analytical (.stp,.p21,.step) CIS/2 LPM6 design (.stp,.p21,.step) CIS/2 LPM6 manufacturing (.stp,.p21,.step) Microstation (.dgn)
S-Frame	CSC/Softek	Direct Link AutoCAD (.dxf)	Direct Link AutoCAD (.dxf)
SketchUp Pro	Google	AutoCAD (.dwg) AutoCAD (.dxf)	AutoCAD (.dwg) AutoCAD (.dxf)
SmartPlant	Intergraph	CIS/2 LPM6 analytical (.stp,.p21,.step) CIS/2 LPM6 design (.stp,.p21,.step) Microstation (.dgn)	CIS/2 LPM6 analytical (.stp,.p21,.step) CIS/2 LPM6 design (.stp,.p21,.step) Microstation (.dgn)
SOFiSTiK/ SOFiCAD	SOFiSTiK AG	IFC2X3 (.ifc)	IFC2X3 (.ifc)
Solibri Model Checker	Solibri		IFC2X3 (.ifc)
SolidEdge	Siemens	AutoCAD (.dxf) Microstation (.dgn) IGES (.iges, .igs) STEP AP203/AP214 (.stp,.step)	AutoCAD (.dxf) Microstation (.dgn) STEP AP214 (.stp,.step)
SolidWorks	Dassault	AutoCAD (.dwg) AutoCAD (.dxf) IGES (.iges, .igs) STEP AP203/AP214 (.stp,.step)	AutoCAD (.dwg) AutoCAD (.dxf) STEP AP214 (.stp,.step)
SPACE GASS	SPACE GASS	CIS/2 LPM6 analytical (.stp,.p21,.step)	CIS/2 LPM6 analytical (.stp,.p21,.step)
SpaceClaim	SpaceClaim Co.	AutoCAD (.dwg) AutoCAD (.dxf) IGES (.iges, .igs) STEP AP203/AP214 (.stp,.step)	AutoCAD (.dwg) AutoCAD (.dxf) STEP AP214 (.stp,.step)
STAAD	Bentley	Direct Link AutoCAD (.dwg) AutoCAD (.dxf) CIS/2 LPM6 analytical (.stp,.p21,.step) Steel Detailing Neutral Format (.sdf,.sdfn)	Direct Link AutoCAD (.dwg) AutoCAD (.dxf) CIS/2 LPM6 analytical (.stp,.p21,.step) Staad ASCII file (.std)
Steel Smart System	Applied Science International, LLC	AutoCAD (.dwg) AutoCAD (.dxf)	AutoCAD (.dwg) AutoCAD (.dxf)
StruCAD	AceCAD Software, Inc	AutoCAD (.dwg) AutoCAD (.dxf) CIS/2 LPM6 analytical (.stp,.p21,.step) Steel Detailing Neutral Format (.sdf,.sdfn)	AutoCAD (.dwg) AutoCAD (.dxf) CIS/2 LPM6 analytical (.stp,.p21,.step) Steel Detailing Neutral Format (.sdf,.sdfn)
StructureWorks	StructureWorks LLC.	AutoCAD (.dwg) AutoCAD (.dxf) IGES (.iges, .igs) STEP AP203/AP214 (.stp,.step)	STEP AP214 (.stp,.step)
STRUDS	SoftTech	Direct Link	Direct Link
Trimble LM80	Trimble	AutoCAD(.dxf) LM80 (.cnx, .txt)	AutoCAD (.dxf) LM80 (.cnx, .txt)
Trimble LM80 Desktop	Trimble	AutoCAD(.dxf) LM80 (.cnx, .txt)	AutoCAD(.dxf) LM80 (.cnx, .txt)
TurboCAD	IMSI Design	AutoCAD (.dwg) AutoCAD (.dxf) Microstation (.dgn) STEP AP203/AP214 (.stp,.step)	AutoCAD (.dwg) AutoCAD (.dxf) Microstation (.dgn) STEP AP214 (.stp,.step)
UniCAM	Unitechnik		Unitechnik (.cam)
VectorWorks	Nemetschek	IFC2X3 (.ifc) IGES (.iges, .igs)	AutoCAD (.dwg) AutoCAD (.dxf) IFC2X3 (.ifc)
Volo View	Autodesk	AutoCAD (.dwg) AutoCAD (.dxf)	AutoCAD (.dwg) AutoCAD (.dxf)



Format	Import	Export
AutoCAD (.dwg)	✓	✓
AutoCAD (.dxf)	✓	✓
BVBS (.abs)		✓
Cadmatic models (.3dd)	✓	
Calma plant design system (.calma)	✓	✓
CIS/2 LPM5/LPM6 analytical (.stp,.p21,.step)	✓	✓
CIS/2 LPM5/LPM6 design (.stp,.p21,.step)	✓	✓
CIS/2 LPM6 manufacturing (.stp,.p21,.step)		✓
DSTV (.nc,.stp,.mis)	✓	✓
EJE		✓
Elematic ELiPLAN, ELiPOS (.eli)	✓	✓
EPC		✓
FabTrol Kiss File (.kss)		✓
FabTrol MIS Xml (.xml)	✓	✓
GTSdata Priamos		✓
High Level Interface File (.hli)	✓	✓
HMS (.sot)		✓
IBB Betsy		✓
IFC2x/IFC2x2/IFC2x3 (.ifc)	✓	✓
IfcXML2X3 (.xml)	✓	✓
Initial Graphics Exchange Specification (IGES) (.iges,.igs)	✓	✓
Intergraphs Parametric Modeling Language (.plm)		✓
Microsoft Project (.xml)	✓	✓
Microstation (.dgn)	✓	✓
Oracle Primavera P6 (.xml)	✓	✓
Plant Design Management System (.pdms)		✓
RIB iTWO		✓
SAP, Oracle, ODBC, etc.	✓ *	✓ *
Staad ASCII file (.std)	✓	✓
Steel Detailing Neutral Format (.sdf,.sdnf)	✓	✓
Steel12000		✓
STEP AP203 (.stp,.step)	✓	
STEP AP214 (.stp,.step)	✓	✓
Tekla-FabTrol Report (.xsr)		✓
Trimble LM80 (.txt,.cnx)	✓	✓
Unitechnik (.uni)		✓

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(\*) Tekla Open API® used