

## 1 Linking Tekla Structures with Analysis & Design software

Latest information on the status of our links with different Analysis & Design vendors are presented in the document "**Status\_A&D.pdf**".

For a general description on how Tekla Structures can be used and integrated with A&D systems, please download the document "**How to use Tekla Structures for Analysis & Design**".

**STAAD.Pro** versions 2005, 2006, 2007

Tekla Structures integrates with the standalone STAAD.Pro.

1. Read the instructions on "**Using Tekla Structures and Standalone STAAD.Pro**"
2. Run **Tekla Structures - STAAD.Pro link installation** (77 Mb)

**SAP2000** versions 10, 11

Tekla Structures integrates with the standalone SAP2000.

1. Read the instructions on "**Tekla Structures – SAP2000 integration notes**"
2. Run **Tekla Structures - SAP2000 link installation** (7.4 Mb)

**ROBOT Millennium** versions 20, 21

Tekla Structures integrates with Robot Millennium

Run **Tekla Structures - ROBOT Millennium link installation** (4.8 Mb)

2. set the following environment variables to receive forces and changed profiles from Robot  
set XS\_AD\_GET\_RESULTS\_FORCES=TRUE

(the default is FALSE. Takes ca 50secs for 90 parts)

set XS\_AD\_GET\_RESULTS\_DESIGN\_VALUES=TRUE (the default is TRUE)

Troubleshooting see image "**ROBOTTroubleshooting**".

## 2 Links provided by A&D vendors

Tekla Structures and Dlubal RFEM / RSTAB

Contact [hotline@dlubal.com](mailto:hotline@dlubal.com) to get the component to link into Tekla Structures

Contact the vendors to get the component to link into Tekla Structures:

AxisVM (Intercad)

PowerFrame (Buildsoft)

ESA PT (Nemetschek SCIA)

S-frame (Softek)

GTStrudl (GTstrudl)

Modest (Harpaceas).

Tekla Corporation

[www.tekla.com](http://www.tekla.com)

Headquarters  
Metsänpojankuja 1  
P.O.Box 1

Tel. +358 30 661 10  
Fax +358 30 661 1500

Trade Reg. 183.128  
Business Identity Code 0196634-1  
Domicile: Espoo

FI-02131 Espoo

FINLAND



SFS-EN ISO 9001