



**WITHIN**

SOFTWARE PACKAGES

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## Commercial Software Packages

The commercial software packages available from Within Technologies Ltd are listed below. Full descriptions of each package are provided on the following pages. These packages are useful for general light-weighting through lattice and skin creation and optimisation, and satisfy requirements in engineering design fields.

	Lattice + Skin	Variable	FEA	Optimisation	Price
<b>Within Lite</b>	✓				£ 3,000
<b>Within Variable</b>	✓	✓			£ 10,000
<b>Within Analyse</b>	✓	✓	✓		£ 20,000
<b>Within Enhance</b>	✓	✓	✓	✓	£ 30,000

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## WITHIN LITE SOFTWARE PRICING

<b>FEATURES</b>	
STL FILE IMPORT for 3D objects or parts	✓
STL FILE EXPORT for generated components	✓
LATTICE CREATION for imported parts	✓
SKIN CREATION for imported parts	✓
<b>ADDITIONAL</b>	
SOFTWARE MAINTENANCE UPDATES	Free for 12 months
ONLINE SOFTWARE SUPPORT	Free for 12 months
<b>PRICING</b>	
<b>SOFTWARE + SUPPORT</b>	<b>£3,000</b>
ADDITIONAL SUPPORT + SOFTWARE MAINTENANCE UPDATES after 1 <sup>st</sup> year	£450 per year
ADDITIONAL TRAINING AT WITHIN OFFICES	£750 per day
ADDITIONAL TRAINING ON-SITE	£1,500 per day + expenses

Thank you for your inquiry. Please call us on + 44 (0) 20 7617 7316 or email [sales@withinlab.com](mailto:sales@withinlab.com) to purchase a license.

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## WITHIN VARIABLE SOFTWARE PRICING

<b>FEATURES</b>	
STL FILE IMPORT for 3D objects or parts	✓
STL FILE EXPORT for generated components	✓
LATTICE CREATION for imported parts	✓
SKIN CREATION for imported parts	✓
THICKNESS KERNEL SPECIFICATION for variable density lattices & skins	✓
<b>ADDITIONAL</b>	
SOFTWARE MAINTENANCE UPDATES	Free for 12 months
ONLINE SOFTWARE SUPPORT	Free for 12 months
<b>PRICING</b>	
<b>SOFTWARE + SUPPORT + TRAINING</b>	<b>£10,000</b>
ADDITIONAL SUPPORT + SOFTWARE MAINTENANCE UPDATES after 1 <sup>st</sup> year	£1,500 per year
ADDITIONAL TRAINING AT WITHIN OFFICES	£750 per day
ADDITIONAL TRAINING ON-SITE	£1,500 per day + expenses

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## WITHIN ANALYSE SOFTWARE PRICING

<b>FEATURES</b>	
STL FILE IMPORT for 3D objects or parts	✓
STL FILE EXPORT for generated components	✓
LATTICE CREATION for imported parts	✓
SKIN CREATION for imported parts	✓
LOAD CASE SPECIFICATION for imported parts	✓
THICKNESS KERNEL SPECIFICATION for variable density lattices & skins	✓
FEA SIMULATION of imported parts	✓
FEA SIMULATION of lattices and skin components	✓
STRAND7™ FEA PACKAGE	✓
<b>ADDITIONAL</b>	
SOFTWARE MAINTENANCE UPDATES	Free for 12 months
SOFTWARE SUPPORT with a guaranteed 24hr response	Free for 12 months
SOFTWARE TRAINING AT WITHIN OFFICES	Free 2 days training
<b>PRICING</b>	
<b>SOFTWARE + SUPPORT + TRAINING</b>	<b>£20,000</b>
ADDITIONAL SUPPORT + SOFTWARE MAINTENANCE UPDATES after 1 <sup>st</sup> year	£3,000 per year
ADDITIONAL TRAINING AT WITHIN OFFICES	£750 per day
ADDITIONAL TRAINING ON-SITE	£1,500 per day + expenses

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## WITHIN ENHANCE SOFTWARE PRICING

<b>FEATURES</b>	
STL FILE IMPORT for 3D objects or parts	✓
STL FILE EXPORT for optimised components	✓
LATTICE CREATION for imported parts	✓
SKIN CREATION for imported parts	✓
LOAD CASE SPECIFICATION for imported parts	✓
THICKNESS KERNEL SPECIFICATION for variable density lattices & skins	✓
FEA SIMULATION of imported parts	✓
FEA SIMULATION of lattices and skin components	✓
WITIN OPTIMISATION ENGINE™ for creating optimised lattice and skin components to meet a specified load case	✓
STRAND7™ FEA PACKAGE	✓
<b>ADDITIONAL</b>	
SOFTWARE MAINTENANCE UPDATES	Free for 12 months
SOFTWARE SUPPORT with a guaranteed 24hr response	Free for 12 months
SOFTWARE TRAINING AT WITHIN OFFICES	Free 2 days training
<b>PRICING</b>	
<b>SOFTWARE + SUPPORT + TRAINING</b>	<b>£30,000</b>
ADDITIONAL SUPPORT + FREE SOFTWARE MAINTENANCE UPDATES	£4,500 per year
ADDITIONAL ON-SITE TRAINING (UK & EU)	£750 per day
ADDITIONAL TRAINING ON-SITE	£1,500 per day + expenses

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## PAYG Software Packages

The PAYG software package available from Within Technologies Ltd is listed below. A full description of the package is provided on the following page. This software package is specifically tailored for the design of trabecular metal structures within the medical field. The pricing structure of the PAYG framework is based on the manufacture of designs generated from low cost software. As such the package described below is provided as a free software tool which generates secure design files that incur a small license fee every time the part is manufactured.

	Lattice + Skin	Variable	Trabecular	Price
<b>Within Medical</b>	✓	✓	✓	€ 90*

\* Price per part manufactured.



## WITHIN MEDICAL SOFTWARE PRICING

<b>FEATURES</b>	
STL FILE IMPORT for 3D objects or parts	✓
STL FILE EXPORT for generated components	✓
TRABECULAR LATTICE CREATION for imported parts	✓
SKIN CREATION for imported parts	✓
THICKNESS KERNEL SPECIFICATION for variable density lattices & skins	✓
<b>ADDITIONAL</b>	
SOFTWARE MAINTENANCE UPDATES	Free
ONLINE SOFTWARE SUPPORT	Free
<b>PRICING</b>	
<b>SOFTWARE + SUPPORT + TRAINING</b>	<b>£90 per part built</b>
ADDITIONAL TRAINING AT WITHIN OFFICES	£750 per day
ADDITIONAL TRAINING ON-SITE	£1,500 per day + expenses

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## Computer Requirements

The minimum computer requirements needed to run Within software are as follows:

- 2.8 Ghz Dual or Quad\* Core processor, alternatively an Intel Core i5 processor
- 4GB or 6GB\* RAM
- **ATI™** or **NVIDIA™** Graphics Card with 1GB Video Memory
- 500GB or 1TB\* hard disk
- **Windows XP Professional™**, **Windows Vista Business™** or **Windows 7™**

\* **NB.** These are features we would recommend but are not essential. They would however improve the performance of Within software if available.

## Additional Information

Within software has been developed to make use of all available computer resources and will therefore perform better on multi-cpu computers when calculating lattice and skin elements.

Large RAM and hard disk capacities will enable Within software to cache more information and allow for components with high lattice beam counts to be exported to file.

Within software will disable **Windows Aero™** features on **Windows Vista™** and **Windows 7™** so as to improve the graphics performance of the software.