StruSoft is an innovative Swedish software company with more than 35 years of experience in specialized software applications for analysis, design, modelling and energy for the building industry.

FEM-Design
Finite element software for analysis and design of load-bearing concrete, steel and timber structures.

WIN-Statik
A suite of easy to use applications for common design tasks such as beams, columns or frames.

PRE-Stress
Analysis and design software for complete product life calculations of prestressed beams.

IMPACT
A family of BIM software to efficiently manage, design, produce, transport and erect prefabricated concrete elements.

VIP-Energy
Fast energy balance analysis for buildings using a dynamic calculation engine.

SyncroSite
A cloud-based system developed to support production management at construction sites.

BIMcontact
Web-based project collaboration and document management system for the building industry.
IMPACT Reinforcement is an effective software application for generating intelligent reinforcement drawings and schedules. Integrated into AutoCAD®, the software offers an easy and intuitive way of defining complex reinforcement for concrete structures. Templates can be used to ensure that detailing is presented according to national practice, or users own preferences.

Easy schedules
With rebar defined as smart objects, schedules can be created with the push of a button. Customizable layout and data extraction ensures consistency with company standards. Multiple dwg files can be connected to share bar mark definitions and allows for common scheduling across several drawings. For large projects, schedules can be filtered on any bar data, such as construction part or cast phase for easier call-off.

Smart objects
IMPACT Reinforcements smart objects contain all necessary information to define rebar including bar mark, shape code, leg lengths, end hooks and material. Quantities are calculated automatically from distribution lines and spacing. Depending on view direction and bar settings, the bars are shown as easily read symbolic representations according to standard, but can also be displayed as 3D solids.

Drawing tools such as bar from polyline and surface reinforcement make rebar drafting quick and easy. Variable leg lengths and running length bars are also handled.

Customizable
Most objects in IMPACT Reinforcement can be adapted to user preferences or company standards. End marks, end hooks, shape codes, rebar text, materials with bar diameters and jig radii, schedule layout and data can all be modified, to name a few.

Rebar data can be exported to xml and bvbs or saved directly to Celsa Steelservice’s QR web schedule service.