

All your
STAAD.Pro

Upgrade

Structural
Enterprise
Bundle

* IS Design Code Included

AET™

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Bentley®
Platinum Channel Partner

**(AUTHORIZED PLATINUM CHANNEL PARTNER OF
BENTLEY SYSTEMS IN INDIA)**



What is Structural Enterprise

SEL is a bundle software suite consists of applications like STAAD, RAM, and Microstran used for the design of structures in any infrastructure and other projects.

Benefits of SEL-

1. Complete Workflow
2. Greater reuse of information by flexible interoperability
3. Unlimited access for each user
4. Lower cost of ownership: fraction of the cost of individual product

With Structural Enterprise, you can-

1. Design in most projects any infrastructure sector
2. Work with multiple materials (Steel, Concrete, Aluminium, Timber and any customer materials)
3. Select an appropriate analysis method from various analysis method offered by the programs
4. Use advanced finite element analysis methods.



Products under SEL

1. STAAD.Pro Advanced CE
2. STAAD Foundation Advanced
3. RCDC
4. RCDC FE
5. RAM Structural System
6. RAM Concept
7. RAM Connection
8. RAM Elements
9. Microstran
10. Limcon



STAAD Foundation Advanced

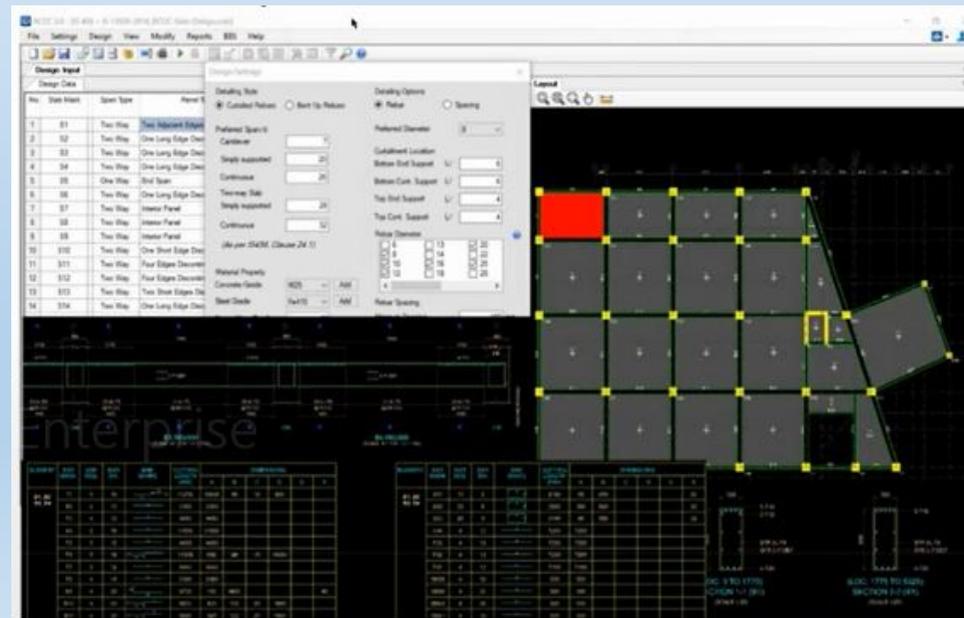
- Comprehensive Foundation Design Software
- Provide efficient foundation design, design optimization and automatic drawing generation. Design any type of foundation, from basic isolated foundation to the complex plant foundation.





RCDC

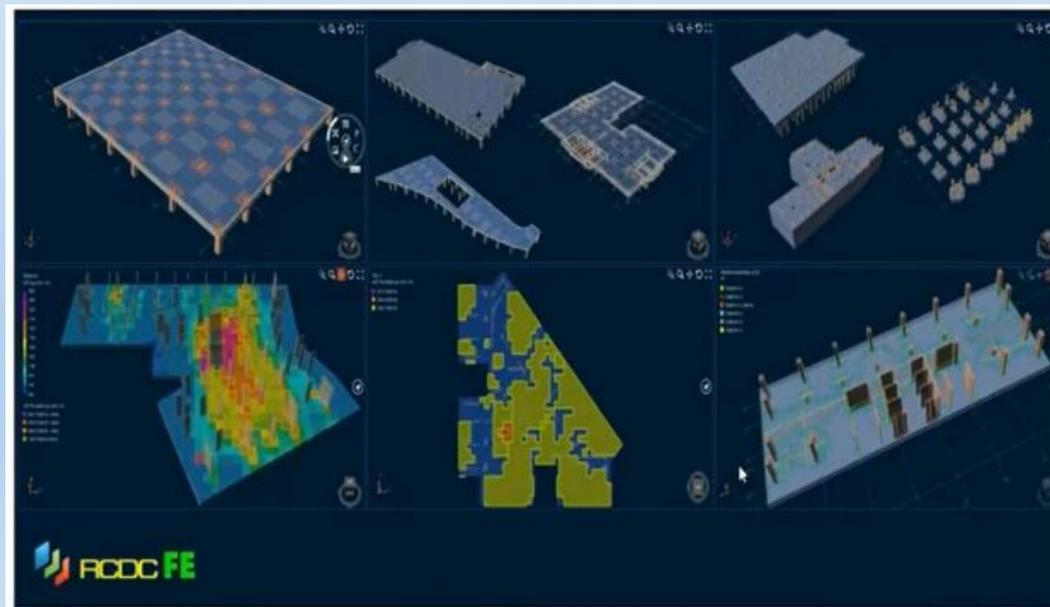
- Advanced Concrete Design Software
- Design concrete elements, such as beams, columns, walls, slabs and foundations and produce detailed plan, elevation, cross section drawings, BBS & BOQ.





RCDC FE

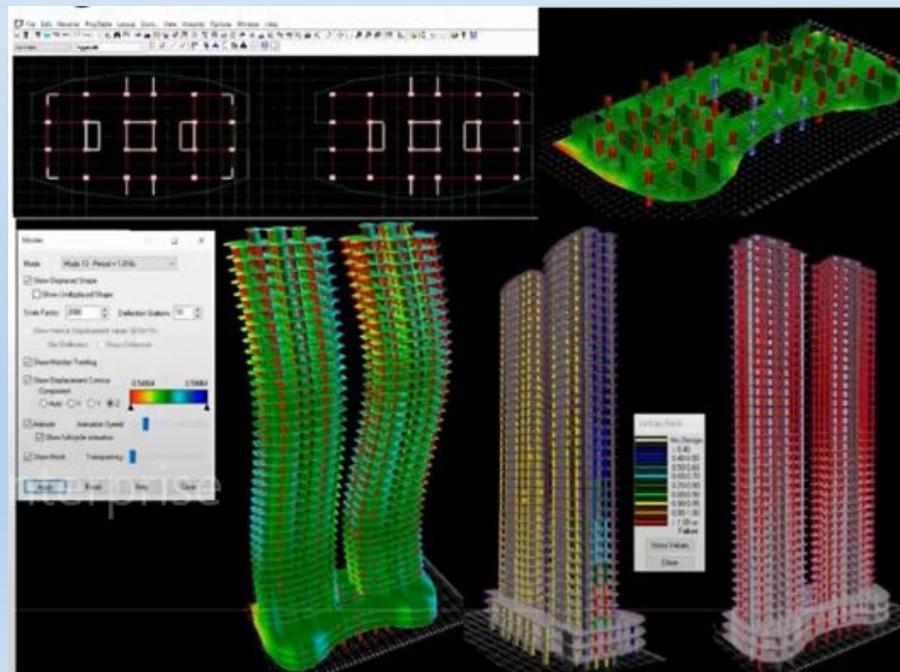
- Advanced finite plan element design software.
- Design, detailing & drawing software for all RCC slabs and foundations modeled and analyzed using Finite Elements.





RAM Structural System

- Structural Design Software for Buildings
- Fully integrated application suite offering complete building analysis, design and drafting for both steel and concrete structures.





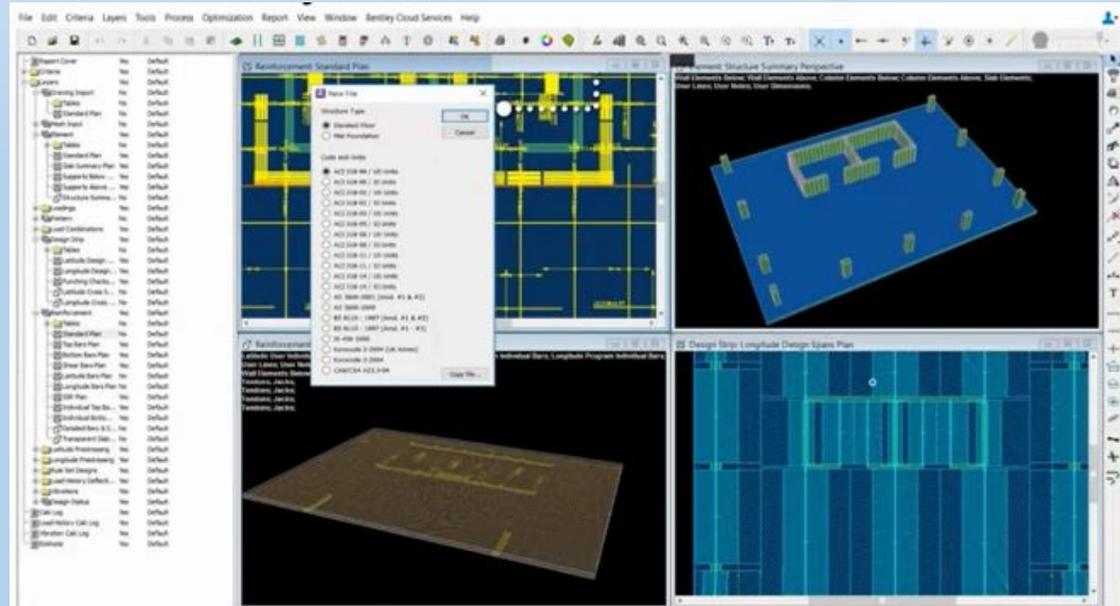
RAM Structural System (cont.)

- Four modules are bundled into RAM Structural System:
 - ✓ *RAM Steel*: Model and design steel structure
 - ✓ *RAM Concrete*: Obtain reinforcement quantities for both gravity and lateral frames.
 - ✓ *RAM Frame*: Analyze your frames and walls, including compliance with wind and seismic requirements.
 - ✓ *RAM Foundation*: Design, evaluate, and analyze your spread, continuous, and pile cap foundations.



RAM Concept

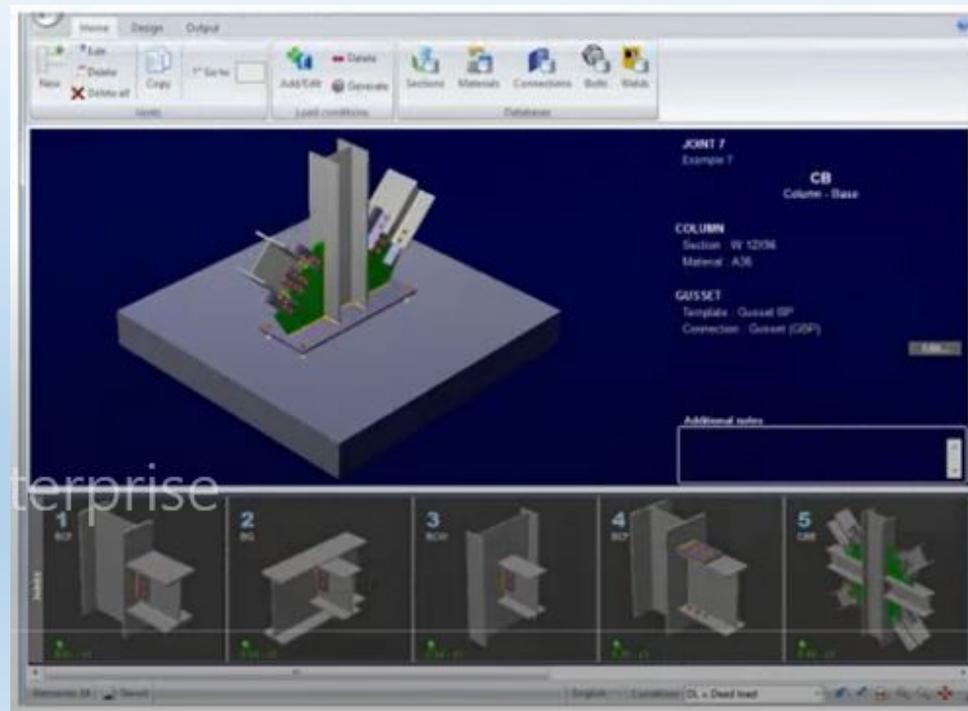
- Concrete Slab Design Software
- Economically design post-tensioned and reinforced concrete floors including slabs, mats, and rafts. Includes tendon optimization, Load history and footfall analysis.





RAM Connection

- Steel Connection Design Software
- Perform analysis and design of virtually any connection type and verify connections with comprehensive calculations, including seismic compliance.





Other Products

■ RAM Elements-

- ✓ *3D Structural Analysis and Design Software*
- ✓ *Perform analysis and design- including quickly performing 3D finite element analysis- of almost any type of structure or structural component, all in one affordable application*

■ Microstran

- ✓ *General purpose structural analysis software*
- ✓ *Efficiently model, analyze, and design with built-in steel member and connection design. Performs nonlinear and buckling analysis.*

■ Limcon

- ✓ *Connection design software*
- ✓ *Design and review steel connections, such as beam to column, brace end, member splices, anchorage to concrete, complicated multi-member joints and more.*