StructurePoint’s Productivity Suite of powerful software tools for reinforced concrete analysis & design

- **spwall**
  - Finite element analysis & design of reinforced, precast ICF & tilt-up concrete walls

- **spcolumn**
  - Design & investigation of rectangular, round & irregularly shaped concrete column sections

- **spmats**
  - Finite element analysis & design of reinforced concrete foundations, combined footings or slabs on grade

- **spbeam**
  - Analysis, design & investigation of reinforced concrete beams & one-way slab systems

- **spslab**
  - Analysis, design & investigation of reinforced concrete beams & slab systems
The Industry Standard
Options

Two-way systems

One-way systems
Span Data

- Defining Spans

- Span Manipulation
Support Data

- Defining Supports
- Boundary Conditions

![Support Data Interface](image)

![Support Data Interface](image)
Reinforcement

- Design
- Investigation
Loads
Graphical Output

- Loads
- Internal Forces
- Moment Capacity
- Shear Capacity
- Deflections
- Reinforcement

Internal Force Diagrams
Graphical Output

- Loads
- Internal Forces
- Moment Capacity
- Shear Capacity
- Deflections
- Reinforcement

Moment Capacity Diagrams
Graphical Output

- Loads
- Internal Forces
- Moment Capacity
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- Deflections
- Reinforcement

Shear Capacity Diagrams
Graphical Output

- Loads
- Internal Forces
- Moment Capacity
- Shear Capacity
- Deflections
- Reinforcement

Deflection Diagram
- Input Echo
- Design Results
- Column Forces
- Internal Forces
- Deflections

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**Text Output**

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**Column Forces**

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**Internal Forces**

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**Deflections**

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StructurePoint
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