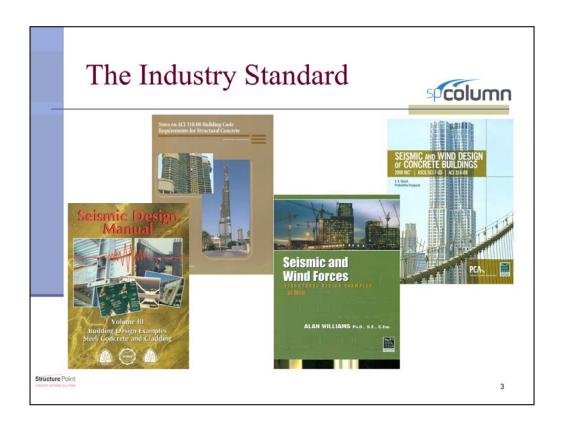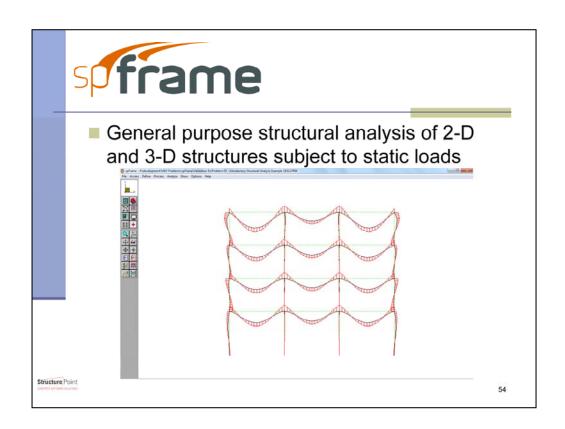StructurePoint is a software company that provides concrete design solutions. Formerly the engineering software group of the Portland Cement Association (PCA), StructurePoint (SP) is located in Chicago and does business all around the world with clients in North America, the Middle and Far East. SP has representatives in India, Thailand, Saudi Arabia, Lebanon and the UAE. Formerly PCA products, the SP product line include design and analysis software for reinforced concrete beams, columns, mats, walls, slab systems, and frame analysis. These six programs make up the SP Suite. The software programs can be purchased as the Suite or individually to meet your specific needs over a large business computer network or as single standalone serving one laptop.
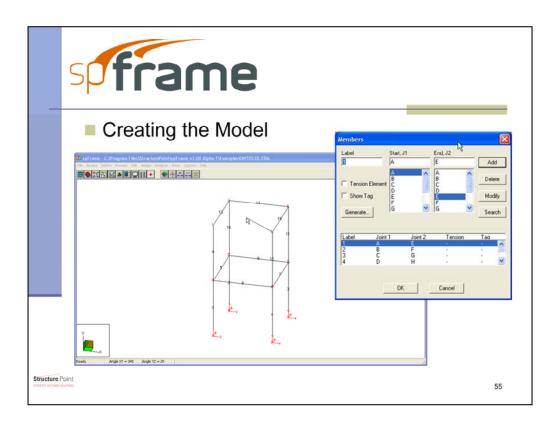
The SP Suite has the capability to design an entire concrete structure from foundation to roof. These programs are based on the methods, equations, and procedures found in ACI 318 and CSA 23.3 in English and Metric units. Due to the schedule of updating the concrete codes, the five code driven software are given a major upgrade every three years along with annual updates. The SP suite is designed to allow the user to work quickly, simply and accurately. In essence, you can get to a final design solution fast with confidence and little training and wasted time.
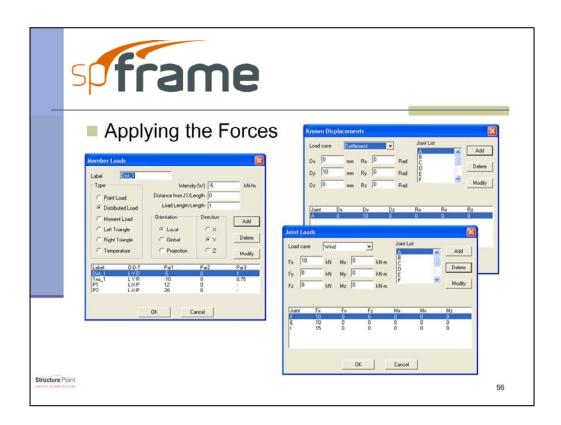
Use of the StructurePoint software can be found in many publications regarding reinforced concrete design and analysis.
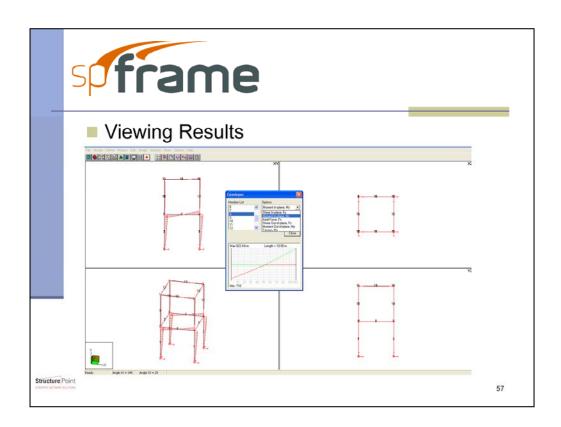
spFrame is a structural analysis tool for two and three dimensional truss or frame systems. Multi-purpose structural modeling and analysis software for three-dimensional buildings and structures with robust, quick yet simple interface. spFrame calculates internal forces, reactions, rotations, and displacements using linear structural analysis.
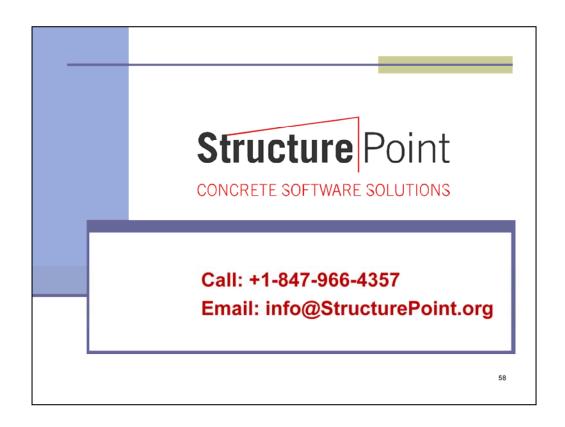
Frames and trusses can be quickly modeled in spFrame using either the graphical interface to create members between joints or by assigning members by assigning beginning and ending joints.

spFrame models load as member loads in the form of distributed, point load, or temperature loads. The program can also handle joint loads and loads induced by settlement or temperature effects.

The internal forces of a structure can be analyzed by viewing the shear and moment diagrams by load combinations or by viewing the member envelopes. These results can be seen graphically side by side as well as in a tabular format.

StructurePoint would be glad to hear from you and receive your feed back as well as answer any questions regarding the program features, capabilities, price, and licensing options