

Leveraging the TSN Advantage

TSN's competitive advantage lies in the cost savings, rapid construction and green design/construction options provided by its core product lines, used in its Load-bearing Building System and Engineering Software. TSN will partner with the project team to recommend the best solutions to fit project conditions. **Our Value Engineering (VE) services** apply at any point in the project; from the Architect, Engineer of Record, General Contractor, Sub-Contractor, Specialty Engineer (Shop Drawer), to the Distributor. Each member of the team can partner with TSN to determine the best course of action for the project.



Value Engineering Services

- *Plan & Specification Reviews*
- *Engineered Solutions*
- *Project Recommendations*
- *Final Construction Documents Details*
- *Referral to Experienced Specialty Engineers*
- *Blast Resistant Cold-Formed Steel Assembly Expertise*
- *Extensive Experience with Progressive Collapse Requirements*

Value Engineering Results

- *Lower overall project costs*
- *Material cost savings in the wall system*
- *Reduced foundation requirements and cost*
- *Accelerated construction schedules*
- *Meet code requirements*
- *Fewer subcontractors on the job*
- *Satisfied Developers, Contractors, Structural Engineers and Architects*

Realize the Benefit of Cold Formed Steel Framing

- **Cost** Consulting services are available to the Project Team at any point in the process.
- **Faster Construction Time** TSN's VE services & quality products often result in accelerated construction.
- **Optimization** TSN will optimize the materials used for the wall system. Minimizing the amount of steel members can lead to savings within the project.
- **Flexibility** The Design and Construction Team is empowered to determine the best foundation, floor, and roof systems for the project.
- **Simplification** TSN's VE services facilitate the use of CFS in buildings as the structural load bearing wall and lateral bracing components.
- **Scheduling** Owners are able to start generating revenue upon project completion.
- **Liability** TSN Products are engineered to meet project specifications and manufactured from mill-certified steel.
- **Design Tools** Technical product information is provided to the members of the Project Team. Design software (SteelSmart® System) is also available online at www.steelSMARTsystem.com.

In addition to its light gauge steel products, the Steel Network's subsidiary, Applied Science International (ASI), specializes in the development of engineering analysis and design software. Two primary ASI software products are SteelSmart® System (SSS) for light steel framing design, and Extreme Loading® for Structures (ELS) for analysis of structures under extreme loads (earthquakes, high wind, impact, blast, and progressive collapse). In addition to software development, ASI also provides consultation services in the fields of demolition analysis and planning, forensic engineering, blast analysis and design, progressive collapse design, and structural vulnerability assessment.

