

No wasted prefabricated ductwork or chilled water piping on a recently completed 200,000 square foot building? Find out how we did it !

“We implemented the C.A.T.S. coordination software in our organization in November of 2007. Since then the typical problems we had experienced in the past, our ductwork and chilled water piping systems not fitting at the job site have already been worked out during the coordination phase. The key trades involved in the installation, Mechanical, Sprinkler, Plumbing and Electrical trades have reviewed the problem areas, addressed areas to the design team and proceeded in the installation of their work. Often, a field change order request will be necessary. The process has not only enhanced our ability to get the job done within our budgets, but also within the budgets of our fellow subcontractors.” (**“Sal” Salazar, Lead Project Manager, Climatic Refrigeration & Air Conditioning, Inc., Melbourne, Florida**)

“For the last year and a half, the wasted fabricated ductwork has been reduced like you wouldn’t believe on each job we have completed. We just finished a 200,000 square foot building here in Melbourne. 90% was rectangular duct, medium pressure and low pressure, ranging in size from 108” x 30” to 10” x 10”. When I told the boss that not one fitting or piece of duct was thrown out because everything fit, he looked at me like I was nuts. It was true. We now look forward to the coordinated shop drawings showing all trade’s work. It has become necessity to us doing our job efficiently.” (**Todd Clark, Job Site Foreman, Climatic Refrigeration & Air Conditioning, Inc., Melbourne, Florida**)

“We at ERDMAN, as contract requirement on all our projects, require coordination drawings by the sheet metal contractor. In more than one instance prior the construction of our 200,000 square foot complex here in Melbourne, the drawings furnished by Climatic during the coordination process have uncovered issues in advance of trade’s installation that would have brought our project to a standstill had they not been discovered during planning process. The 3-D drawings offer a “true picture” of what we are dealing with, prior to having to deal with it.” (**Andy Schmudlach, Senior Project Superintendent, Cogdell Spenser ERDMAN**)

What can you do to increase efficiency in the manner that your company designs or performs Projects? Are Labor budget overruns killing your bottom line? What will it take to complete your projects in a more profitable and proficient way? Answer.... Proper planning, preparation and execution.

Why is it we are constantly dealing with space problems on our construction projects? Why won’t the installation fit where it is designated to be? Answer.... The lack of proper planning, preparation and execution.

The coordination and calculation software has been used in Europe for over 20 years. In October of 2007, the software was modified for the US market using “imperial” units of measure. It is user defined if “metric” specifications should be a standard of your project.

To learn more about our unique “Intelligent Software Solutions for the Construction Industry” please visit our web site or contact us 321-725-3924.