

CASE STUDY

Sparton – Securing flexible production

Sparton Defense & Security is an industry leading provider of integrated defense solutions for both the US Department of Defense and the Department of Homeland Security. The company has over 50 years experience in providing engineered products and systems solutions for military and commercial customers.



The team at Sparton's De Leon Springs facility in Florida recently asked Air Centers of Florida to assist in a project to change their air system. The aim of the project for Sparton was to remove the use of nitrogen bottles by having Air Centers install a heatless desiccant dryer and filtration to accompany their existing compressors. To ensure flawless delivery of the clean dry air to point of use they selected a clean and efficient pipework system – Infinity and Elevation from AST.

Initially the project was designed to save money on nitrogen bottles, an estimated saving of \$25k per year – however the flexibility and ease of changing the Infinity and Elevation systems has meant that Sparton has been able to modify their production quickly and efficiently as demands change.

Because the production layouts are constantly changing (as often as every two weeks) in addition to over 3500ft of tubing, the 'Air Centers' team installed a large number of Infinity manifolds in the roof to allow for quick changes of production layout during weekend shutdown. This flexibility along with the worry free zero leak system has been a real benefit to the facilities team at Sparton.

"We are very happy with the system and the work of Air Centers of Florida. The system has performed exactly as described and the install team went above and beyond our expectation."

*Dan Drew – Facilities Supervisor
Sparton Defense & Security*



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