



CASE STUDY

\$1 billion plant expansion project streamlined with HGA's expertise

CORNING

CLIENT

Contact Us!

1.866.255.6825
information@hga-llc.com

Corning Enhances Project Reporting

Corning Incorporated, an American multinational technology company that specializes in specialty glass, ceramics, and related materials and technologies undertook a \$1B+ plant expansion project which included seven tanks being built in two locations in China.

THE CHALLENGE

When Corning approached Hunt, Guillot & Associates (HGA) to assist with tracking and reporting services, it was clear the challenge centered on logistics.

Aside from the fact that construction was ongoing in multiple plants in different locations in China, the various pieces of equipment needed for the tank rebuilds were being manufactured in several other countries. This made ongoing communication and transparency between the many stakeholders a priority to ensure the timeline for the project's completion remained on schedule.

Tracking precisely when this equipment could be delivered from the vendors around the world proved problematic. Shipments couldn't arrive too early due to governmental regulations that forbade the company from storing it on site. However, if shipments arrived late it would delay installation

and affect the overall project timeline. Corning used handbooks to manage the delicate circumstances surrounding shipments. Handbooks are a government required manifest of machinery, and/or parts for machinery, as well as other supporting equipment, tools and accessories required to assemble a manufacturing facility.

Unfortunately, the massive undertaking had limitations from the outset. Resources were not in place for managers to oversee the many different moving parts involved—from manufacturers, to shippers, to procurers. Data being managed in multiple procurement systems and the lack of overall visibility added to the mounting communication issues. Corning was experiencing complications from managing the handbooks through Microsoft Excel, due to human error and version control.

THE SOLUTION

HGA began with addressing scheduling challenges. Corning's implementation of HGA's VistaTRAK™ began with using a combination of resourcing and planning such as schedule analysis, database development, tracking, report development, and interactive reporting dashboards. HGA enhanced coordination within each Corning department involved in the project to facilitate a greater level of understanding, engagement, and efficiency for all the team members involved, both inside and outside of China.

Once these kinks were ironed out and processes identified, HGA recommended a new workflow into handbook management, driven by HGA's VistaTRAK's data integration hub. Our VistaTRAK team analyzed and implemented control checks with the current handbook data for optimum control and accuracy. This process was expedited by the development of a streamlined database in VistaTRAK, which provided one-source tracking for all master handbooks. Using the aggregated handbook data for all equipment and materials, our VistaTRAK team integrated tracking tools and data sources with vessel sailing tracking, purchase order detail tracking, and variance analysis reports to better provide full project visibility.

The consolidation of data in the VistaTRAK hub made the material easier to digest, and the VistaTRAK dashboards gave project managers



real-time updates so handbooks could be maintained based on the facts on the ground. This also afforded teams with a better sense of direction and vision to accomplish their duties.

Plus, since the VistaTRAK database was fully automated, reporting accuracy and time management were enhanced. With VistaTRAK's adaptive capability, the multiple databases were able to effectively aggregate purchase order information and log specifics relevant to procurement by line item. The gains from implementing VistaTRAK also helped the owner keep tabs on how the employees engage on the project wherever they are located in the world.

If you're looking to enhance productivity and eliminate deficiency, VistaTRAK provides the critical data integration, performance management, and visualization capabilities that project managers need for overcoming difficulties in compiling and sharing project information. Contact us to learn more.



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