



“PTS is a great choice for asset management. An all-in-one solution that’s intuitive, allows the team to easily identify, record and track inventory unlike ever before.”

Nay Tun Linn

Asset Integrity Manager Certarus



Real-Time Tracking of Assets

Certarus Improves Productivity with Parker Tracking System

The Challenge

Compressed natural gas (CNG) has become a vital component in the world’s energy supply, as commercial and industrial markets transition away from traditional energy resources in favor of a cleaner, safer and economical alternative solution. To satisfy this ever-growing demand, one organization is bringing the pipeline and all that comes with it straight to its customers.

Certarus, a leader in providing a fully integrated CNG solution across North America, has perfected the “Low Carbon Energy Solutions.” This service encompasses every aspect of the CNG process into a single turnkey product; from the sourcing, compression, and transportation in state-of-the-art fleets to delivery and decompressing on site. Having an ample supply of CNG is half the battle to fueling operations. It’s critical to have the appropriate tools, including Parflex CNG hose assemblies, to extract and transfer the product safely and effectively.

The absence of an asset management plan can contribute to an organization’s failure to regulate assets and infrastructure effectively. Without a systemized approach, a business lacks component visibility that’s vital to maintain and maximize operations. This puts an organization at risk of higher costs, inadequate maintenance practices, legal liability, and increased risk management.

The implementation of an asset management solution provides a road map to understanding objectives and long-term strategy and delivering improvements to productivity and efficiency. This knowledge places an organization in a better position to meet customer demands while increasing the return on investment (ROI).

For Certarus, not having an asset management program in place was taking up valuable time and resources. With 5,000 CNG hose assemblies across the United States and Canada, technicians had to physically go to the job site and locate the hose to identify if it was out of compliance or nearing the end of its certification date. This resulted in orders of Parflex CNG hoses when they were not needed, costing the organization money.

The Solution

Certarus sought a better way to track Parflex CNG hoses and discovered their solution with the Parker Tracking System (PTS) from Parker Hannifin. The advanced component-tagging and asset management solution records, manages and archives critical product information. PTS allows Certarus to maintain and track its inventory of CNG hoses, as well as at individual sites, and know in real time the status of that particular part.



ENGINEERING YOUR SUCCESS.

Certarus working with PTS

Using a web-based application, PTS generates a unique identification code that's attached to each CNG hose. This code captures everything Certarus needs to know about the hose assemblies. Information from PTS includes bill of materials, customer information, replacement details, history, customized instructions for MRO activities and file attachments, such as prints, certifications and photos. Because the CNG hoses are exposed to challenging conditions, Certarus chose to engrave metal tags with PTS codes to meet these rugged environments.

Upon registering a Parflex CNG hose assembly, Certarus can tag and trace each product through its lifecycle, which was not available prior to PTS.

"We can create as many tags as we feel is necessary per station and a simple scan allows a user to access all the information regarding that particular product," stated Nay Tun Linn, Asset Integrity Manager with Certarus.



Certarus uses laser engravers to etch the PTS ID and barcode onto durable metal tags.

PTS provides fast and accurate product identification to speed replacement, regardless of where or when the original part was created. Certarus technicians can scan the unique PTS ID number through the PTS Mobile app or contact Parker's global network of distributors with the ID number. Plus, the technology works seamlessly from anywhere, meaning the team can track hoses from multiple locations in the United States and Canada. This type of transparency helps increase productivity and efficiency for Certarus as downtime is greatly reduced.



Minimize Downtime

- Detailed hose information by facility



Stay in Compliance

- Meet regulatory requirements to ensure business operations are compliant



Reduced Rework

- PTS database helps the organization minimize incorrect hose assemblies



Preventive Maintenance

- Information includes scheduled inspections, replacement routines and service history

For information, call toll-free
In North America
1-800-C-PARKER
(1-800-272-7537)
www.parker.com/pts

In EMEA
00800 27 27 5374



ENGINEERING YOUR SUCCESS.