



# Monument Chemical Automates EHS Management, Secures Incident-Free Track Record





## The Client

Headquartered in Indianapolis, Indiana, Monument Chemical serves the specialty hydrocarbon industry. The chemical plants in Antwerp (Belgium), Brandenburg (Kentucky), Houston (Texas), and Baytown (Texas) produce a variety of solvents, intermediates, specialty fuels and other specialty products as well as offering toll manufacturing services.

## The Turning Point

As a result of their continuous growth, flexibility demanded by the market and ever increasing regulations, Monument Chemical ramped up their business strategy to standardize and centralize their operations across the globe. The aim was to increase transparency, improve stakeholder accountability and share learned lessons. Optimizing EHS & operational risk management became their primary focus. They were keen in finding the best way to manage change, incidents and actions follow-up.

## The Challenges

- **Overcoming pen & paper**  
Incidents reporting needed an upgrade from the Excel-based audit and observations system. Each employee filled in the observation forms in their own manner, resulting in hundreds of different versions.
- **Finding common ground**  
Each site had its specific pain points, required alignment with different stakeholders and compliance with different regulations.
- **Leverage all data**  
Each plant used their own IT systems and processes, putting extra pressure on data processing and system integration.

## The Solution

- **Shared understanding**  
TenForce workshops enabled a clear understanding of each site's specifics, bringing stakeholders on the same page, identifying existing work processes and translate them to the platform.
- **Automated audit & incident management**  
Audits are performed through electronic checklists. Non-conformities and actions are automatically assigned and followed up on a 24/7 basis. With 10+ incident types to be tracked, TenForce acts as a common data point that standardizes the way they are being reported and analyzed.
- **Mitigate risk associated with change**  
The TenForce MoC module centralizes data and allows tracking possible impacts for all changes to effectively standardize MoC risk assessment.
- **Transparent collaboration**  
Changes, audits, near-miss events, incidents and actions are now tracked in one single platform across all plants. All data is instantly available based on privilege level.

## The Results

- 61% increase in tracked actions from 6,886 followed-up in 2014 to 11,104 in 2015;
- **Incident-free workplace**  
Monument Chemical aligned their processes to the latest tech developments and continue their journey as an incident free company.
- **Data-driven decisions**  
Our client is now able to trace problems back to their source and identify potential risk trends. Decisions are based on quantifiable and centralized data instead of ad-hoc paper-driven evidence.

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