

# FACTORY NAMESPACE MANAGER

Unlock Data Across Multiple Plants



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Whether through mergers, acquisitions, or generational commissioning, your data needs to be made comparable without ripping and replacing. FNM is the cypher to achieve homogeneous enterprise level standardization, unleashing your data to the next level of analytics, AI, and ML.

## FACTORY NAMESPACE MANAGER

By SIGHT MACHINE

### Understanding the Data Challenge

Data from diverse manufacturing equipment, often decades old, can be challenging to integrate. Standardizing data naming is crucial for effective data analysis and decision-making, but manual efforts are time-consuming and error-prone.

### Introducing Factory Namespace Manager

Factory Namespace Manager is a Small Language Model that converts diverse factory data naming systems into standardized corporate formats. High-speed, high-volume data mapping replaces slow, manual work by subject matter experts, typically done for only a small subset of data.

### Accelerate Your Data Journey

## Factory Namespace Manager empowers you to:

- 1. Streamline data integration:** Quickly and easily translate legacy data into a standardized format.
- 2. Enhance data analysis.** Improve data quality and consistency for more accurate insights.
- 3. Accelerate digital transformation:** Jumpstart your data-driven initiatives and achieve faster results.



# Why Sight Machine Factory Namespace Manager?

- **13 Years of Proven Expertise:** We've spent over a decade perfecting factory data management, building a deep understanding of how to structure, organize, and extract insights from complex manufacturing environments.
- **Pioneers in AI for Manufacturing:** Since 2012, we've been applying AI to factory data, with a platform optimized for machine learning and AI, giving us a unique advantage in delivering smart, data-driven solutions.
- **Natural Language Processing Expertise:** Long before the AI revolution, we were using natural language techniques to interpret and leverage factory data, giving us a head start in applying advanced AI to manufacturing.
- **Secure, Synthetic Data for Training:** We anonymize and synthesize data to train AI models safely, ensuring robust and privacy-conscious insights without compromising customer confidentiality.

## Making Factory Data AI-Ready

- **Small language model** analyzes a sample of renamed data to learn patterns behind data naming conventions. Doesn't require detailed renaming rules.
- **Translates inconsistent data field names** into standardized corporate formats for use in data dictionaries or unified namespace.
- **Exports data** to Sight Machine or any ERP, BI, analytics or data governance system.
- **Makes the universe of factory data AI-ready.** Enables integration of factory data with enterprise data systems and tools for end-to-end optimization.



## HOW TO GET IT?

Sight Machine's Factory Namespace Manager is available now through the Microsoft Azure AI model catalog.