

# COR-RiSTOR® SaaS

## Data Correlation Enhancement



### Description

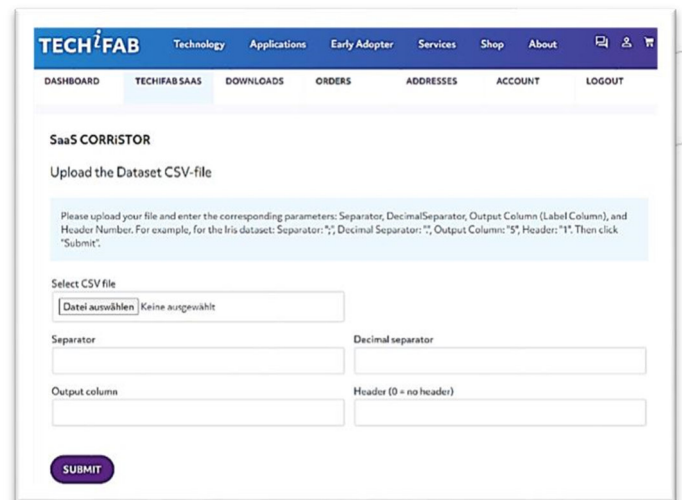
COR-RiSTOR® SaaS is a new Software-as-a-Service product designed to analyze and improve the correlation of your customer data using our innovative algorithm. Our SaaS platform not only detects existing correlations but also optimizes them, providing you with deeper insights and actionable intelligence for your data. COR-RiSTOR® SaaS processes datasets containing up to 4 columns simultaneously, identifying both linear and non-linear relationships. This capability enables you to make more informed decisions based on the improved correlation data. Whether you want to analyze sensor data, customer behavior, or other datasets, our platform delivers extraordinary accuracy and clarity.

### Key Features:

- ❑ **Advanced Correlation Analysis with High Recognition Rates:** Utilize our specially developed algorithm to enhance the correlation between your datasets, providing more accurate and reliable insights.
- ❑ **Comprehensive Visualization:** Easily interpret data through visual representations of correlation parameters, supporting quick and effective decision-making.
- ❑ **Hardware Integration Insights:** Receive an indication of whether acquiring a hardware-based COR-RiSTOR® is beneficial for your data setup.
- ❑ **Plug-and-Play Settings:** If beneficial, the SaaS algorithm provides configuration parameters for the COR-RiSTOR® Plug-In Card, enabling immediate action upon receiving the hardware.

### Scope of Delivery:

- ❑ **User-Friendly Interface:** Access via a graphical user interface compatible with Windows and Linux.
- ❑ **Detailed Reports:** Receive comprehensive analysis reports highlighting the strength and direction of correlations.
- ❑ **Support and Documentation:** Access to a quick start guide and ongoing support to maximize your use of COR-RiSTOR® SaaS.

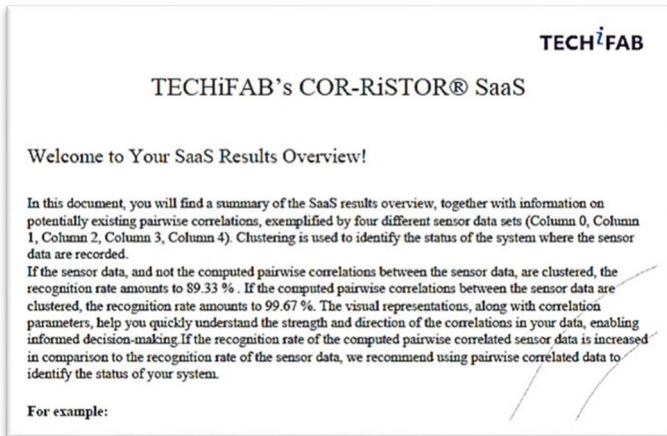


### Applications:

- ❑ **Detecting Relationships:** Identify existing pairwise correlations between different columns.
- ❑ **Optimizing Processes:** Increase operational efficiency by leveraging insights from correlated data.
- ❑ **Implementing Early Warning Systems:** Detect anomalies or unexpected changes in your data to mitigate risks.

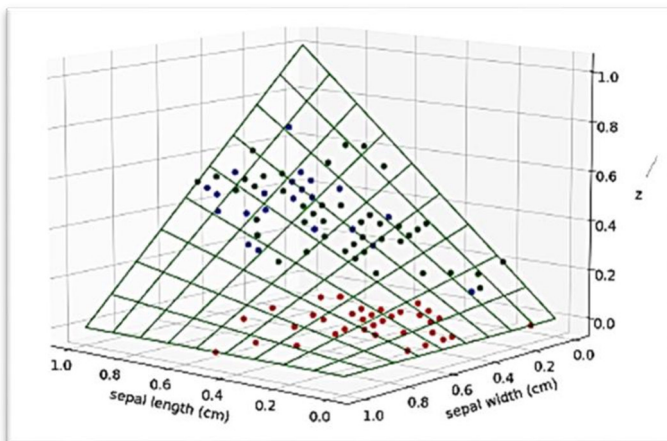
For more detailed information and application examples, visit our [website](http://www.techifab.com).

## Overview of the Analysis Report:



Our SaaS results overview includes:

1. **Introduction to Data Correlation with Practical Examples:** Gain actionable insights, such as improving weather forecasts through the correlation of air pressure, temperature, and humidity data.



2. **Summary of Pairwise Correlations:** Understand the strength and direction of relationships between your datasets through graphical representations.
3. **Clustering Insights:** Determine the system status based on the clustering analysis of sensor data, with improved recognition rates when using pairwise correlated data.