

# HyDoc – Stack Management System

The Stack Management System integrates a variety of sensors, data acquisition systems, controllers, and intelligent analytical algorithms. It effectively enables real-time visualization of electrolyzer status, enhances operational safety, and optimizes control strategies—ensuring safe, stable, and efficient electrolyzer performance.

## Status Monitoring & Analysis

Data extraction and visualization from the electrolyzer for enhanced operational awareness and control efficiency.

## Multi-Layer Safety Protection

Performs in-depth data analysis to identify key features and predict failures, ensuring operational safety and stability.

## Five-Dimensional Health Assessment

Provides a clear view of cell-level and stack-level status, evaluates health throughout the lifecycle, and precisely optimizes production efficiency.

