



# A New Approach to HMI and SCADA

Based on the Latest Development Infrastructure  
Siemens WinCC Unified

# A New Approach to HMI and SCADA

New  
DESIGN

New  
FUNCTIONALITIES

SECURITY  
Enhancements

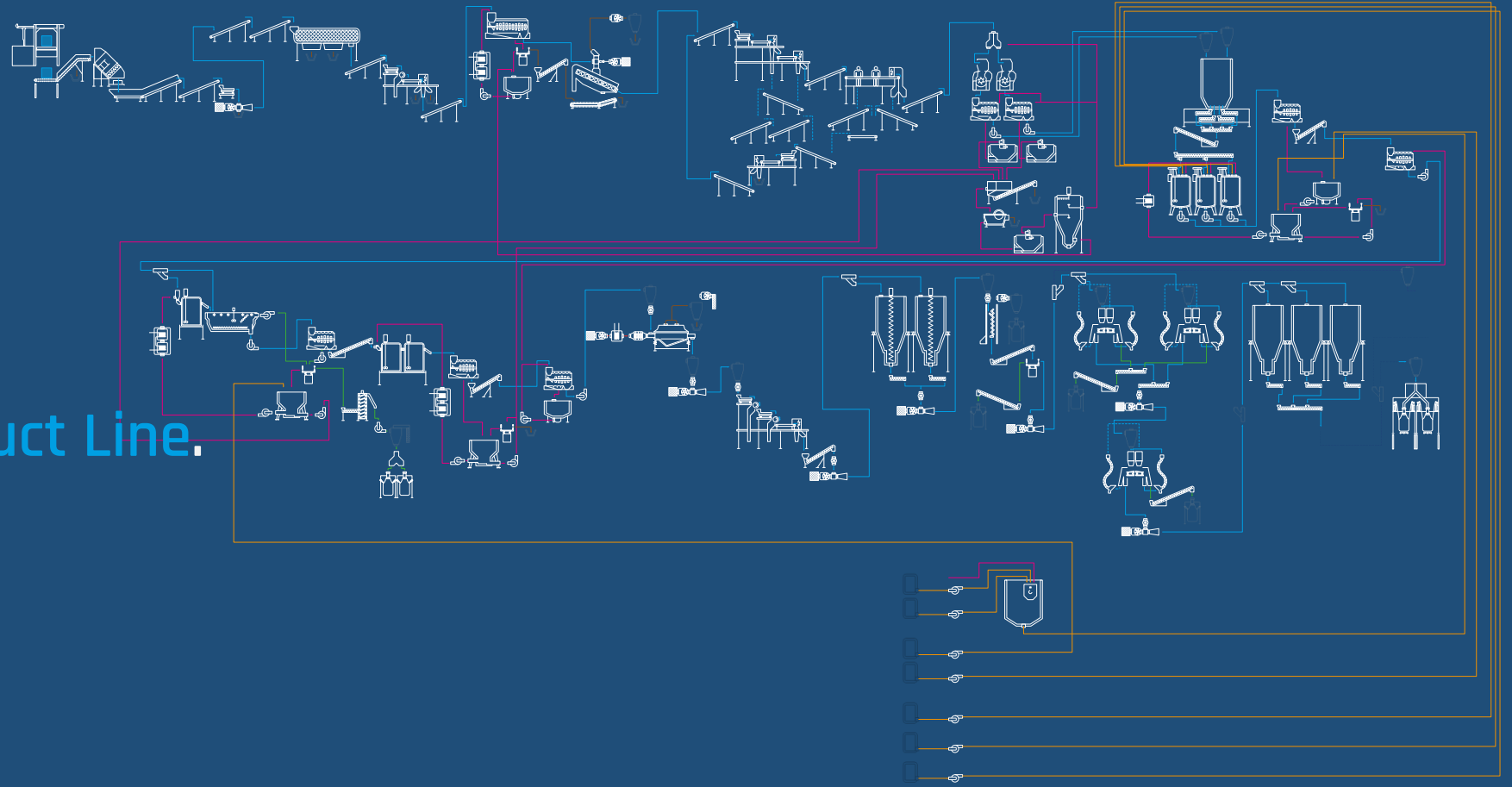
# A New Approach to HMI and SCADA

New  
DESIGN

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DESIGN

# First Impact

Home Page  
Featuring the  
Complete Product Line.



New  
DESIGN

# First Impact

Home Page  
Featuring the  
Complete Product Line.

Instant overview of the Plant Status

Quick and Intuitive Navigation

Facilitated and Guided Troubleshooting

Enhanced Understanding of the Overall Plant Operation

New  
DESIGN

# First Impact

Simple and  
Effective Style.

Redesigned and Simplified Graphics

Information Communication Based on Colors and Icons

Standardization of Symbols and Colors

New  
DESIGN

# Navigation

Few shares  
to get  
Everywhere.

Division of the Plant by **functional area**

Navigation limited to **3 levels** of depth

Fast access to **information**

**Simplified** controls for operators

New  
DESIGN

# Navigation

Modern and  
responsive  
navigation.

[Dynamic references](#) to follow the flow of materials

Integration of [Gestures Touch](#)

[Zoom interface](#) with vector graphics for maximum

[Possibility](#) to open several popups simultaneously



New  
DESIGN

# Less is More

The **Right Information**  
to the **Right People**.

The interface adapts to the user, displaying only the information relevant to them and the controls they have access to.

Clean and Simplified Interface for Basic Users

Rich and Comprehensive Interface for Advanced Users.

Nuovo  
DESIGN

# Customization

Tailored Displays,  
Infinite Styles.

Fully Customizable Color Palette

Alignment with Company Standard Colors

Accessibility for Visually Impaired Personnel (Color Vision Deficiency)

# A New Approach to HMI and SCADA

New  
FUNCTIONALITIES

New  
FUNCTIONALITIES

# Structure

Modular.  
Simple.  
Scalable.

Compartmentalization into 3 Areas: Grinding, Washing, Sorting

Adaptability to All Screens Thanks to Vector Graphics

Standard Pop-ups for Maximum User-Friendliness

Reserved Setup Pages Designed for Processors

New  
FUNCTIONALITIES

# Structure

## Constant Assistance

Interactive Welcome Tour to Maximize Learning

Informative Pop-ups at Strategic Points

Up to 5 Languages Simultaneously on the Device

"Documentation and Manuals Always Available and Navigable Interactively

Screenshots and Integrated Text Comments to Enhance Communication with Support

New  
FUNCTIONALITIES

# Connectivity

Everything at  
Your Fingertips.

Integration with [HMI Tecknodepurazioni Aquae](#)

Preparation for [Control Room](#)

Integration with the '[Smart Guide](#)' Information and Spare Parts Application

New  
FUNCTIONALITIES

# Troubleshooting

What You Need,  
When You Need It,  
in a Single Popup.

Alarms and Messages for the Selected Component

Interlocks and Component Start Conditions

Real-time Trends for Relevant Component Variables

New  
FUNCTIONALITIES

# Trends, Documentation, and Reporting

Data and Numbers  
Stored and Presented in a  
**Understandable Manner.**

**Custom Reports** Generated Automatically or On Demand in Excel or PDF

**End-of-Lot Production Reports** with Statistical Analysis

**Exportable Area or Custom Trends** for Subsequent Analysis

**Email Delivery of Reports**



New  
FUNCTIONALITIES

# Trends, Documentation, and Reporting

## Traceability and Management of Production Parameters.

Traceability of Parameter Changes through an [Audit Trail](#).

Management of Production Parameters through [Recipes Segmented by Area](#).

# A New Approach to HMI and SCADA

SECURITY  
Enhancements

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# User Management

Secure  
User Management  
Tailored to All Needs.

Unified and Encrypted Management

Prepared for Centralized Corporate Management through UMC or Active Directory.

Independent Multi-Session Multi-User System

SECURITY  
Enhancements

# Remote Connection

By the Customer's Side,  
Anywhere in the World

Encrypted, Certified, and Tracked Remote Connection for Remote Assistance

Independent Remote Session to Ensure Full Terminal Operation During the Intervention

Independent Active User with and Unique Privileges for Each Session

Remote Data Extraction and Report Generation

SECURITY  
Enhancements

# Cyber Security

Data Security,  
Our Top Priority

System **Compliant with Cybersecurity Regulations**

**Secure and Encrypted Communication** Protocols Within the Plant and to the Outside

Unified and **Centralized Storage Database**

# A New Approach to HMI and SCADA

## New DESIGN

First Impact  
Navigation  
Less is More  
Customization

## New FUNCTIONALITIES

Structure  
Connectivity  
Troubleshooting  
Trends, Documentation, and Reporting

## SECURITY Enhancements

User Management  
Remote Connection  
Cyber Security

# A New Approach to HMI and SCADA

New  
DESIGN

New  
FUNCTIONALITIES

SECURITY  
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An Innovative Project  
for a Revolutionary Future.

