Web based Color management for lab and production

Web based for all devices/Easy updates
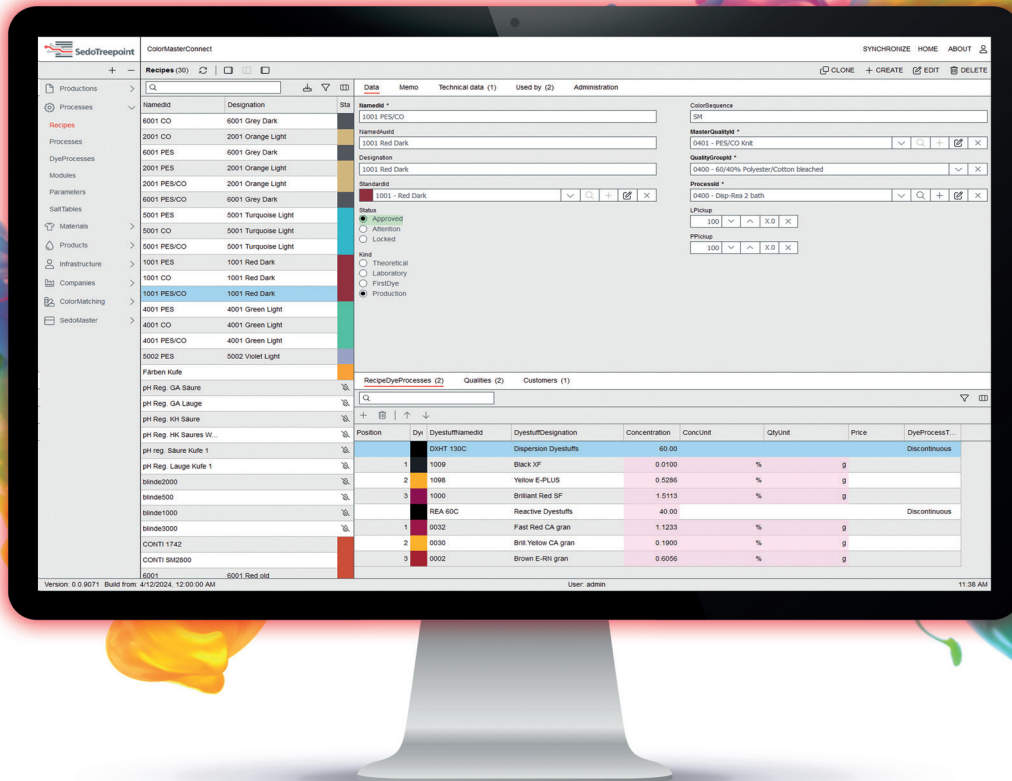
ColorMasterConnect

Introducing ColorMasterConnect: Your ultimate web based color management solution for all production requirements

ColorMasterConnect is the next generation of the ColorMaster desktop application, designed to streamline lab and production processes across multiple operating systems and devices. It is a web-based solution that seamlessly integrates with complementary tools such as SedoMaster, TMS, SedoExpert, and Connect, creating a unified workflow that drives enhanced productivity and operational efficiency.
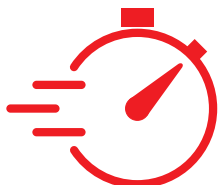
*ColorMasterConnect is constantly evolving, with regular updates that are easy to implement, so you can quickly benefit from new features and improvements.

SedoTreepoint

Experts in process optimization

The new web based solution offers many benefits:

Reduced downtimes

ColorMasterConnect offers flexible integration with third-party systems through its API, ensuring unmatched adaptability to suit your unique business needs. With no installation required and real-time updates delivered over the air, it guarantees seamless operation and effortless accessibility.

Any device

By utilising an SQL database, ColorMasterConnect integrates seamlessly with SedoMaster, eliminating the need for additional connections and making data management more efficient. In addition, ColorMasterConnect is continuously developed and equipped with a variety of new features to ensure its relevance and usefulness for various applications.

Automatic and easy updates

At its core, ColorMasterConnect serves as an expert system for production recipe management and color matching/color measurement. By accurate calculating the most cost-effective recipes, it optimizes treatment processes and defines precise dye programs. Through colorimetric control of various production stages and calculation of necessary additions for further treatments, ColorMasterConnect maximizes operational efficiency while minimizing resource waste.

Production optimization

The ColorMasterConnect expert system for recipe management and color measurement is perfectly suited for both production and laboratory environments. It ensures the calculation of the most cost-effective recipes, optimizes dye programs, and offers colorimetric control throughout production processes. By precisely calculating color recipes, it helps reduce the use of dyestuffs and chemicals, leading to significant cost savings. This makes ColorMasterConnect an invaluable tool for dyeing and finishing plants.

Features

- For production applications and optimization of recipes
- **Rules** for optimizing treatments
- Ensuring **high quality** and **reproducibility**
- **Cost and resource cutting** in production result in optimized recipes with consistent treatments.
- **Treatment safety and minimization of human errors** by taking deviations from the standard process into account in production calculations.
- **Environmentally friendly production** by adjusting the amounts of chemicals and water for different treatments depending on the material and color depth.
- **Connection** to a other systems is possible and color recipes of external systems can be used.
- **Integrated, fully automatic production system** by integration of ColorMaster into SedoMaster or another central management systems.

Color matching / color measurement

The powerful colorimetric software supports the creation of recipes for laboratory and production. Its clear administration of calibration series and corresponding dye processes streamlines efficient color development. With integrated PASS/FAIL functions and the capability to calculate necessary additions, ColorMasterConnect stands out as a true expert system for the dyeing and finishing industry.

Advantages

- **Colorimetric search** with the customer sample supports easily finding a similar recipe and can optimize it to the new sample. In this way laboratory work is reduced and the transfer lab/production is greatly enhanced.

- **Reproducible recipes** due to the further intelligent laboratory applications. It ensures that the calculated recipes matches the color sample, is optimized for metamerism, is color consistent and inexpensive.

- **Production control** is supported by the integrated addition calculation. Correction treatments like additions and washing treatments are stored with batch data. The dyestuff and chemical consumption is exactly registered.
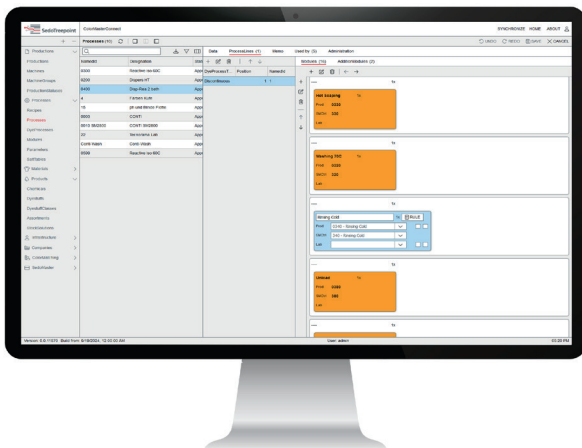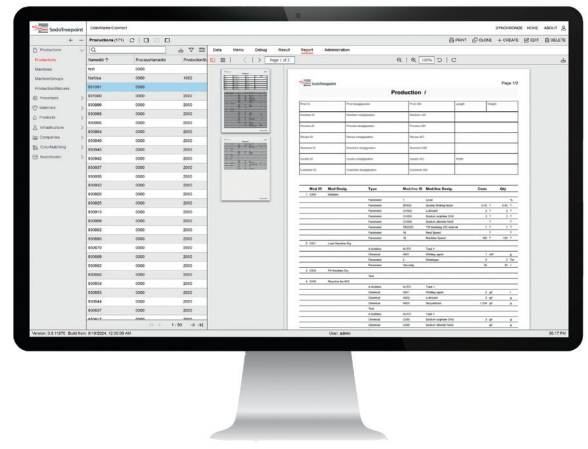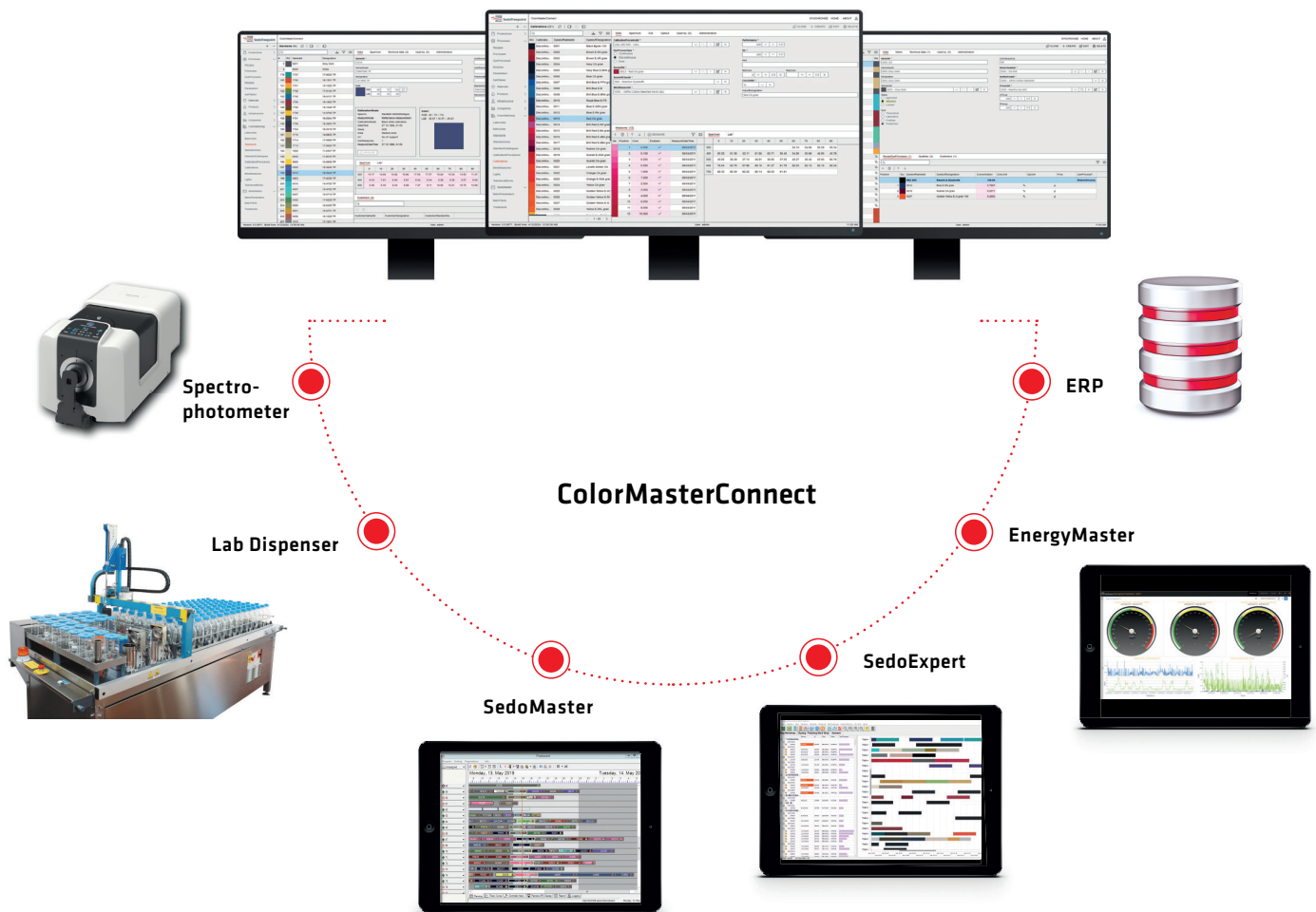

Processes with rule editor
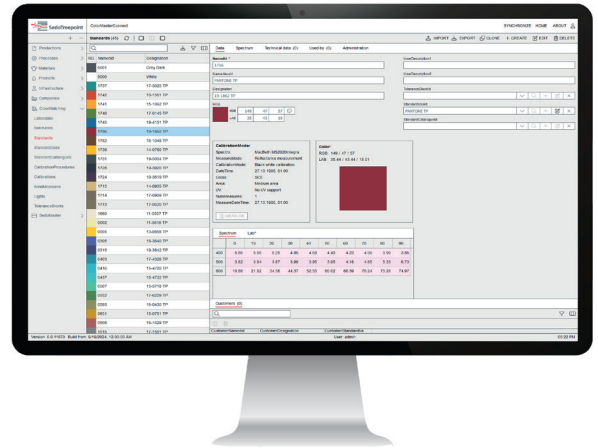
Standards
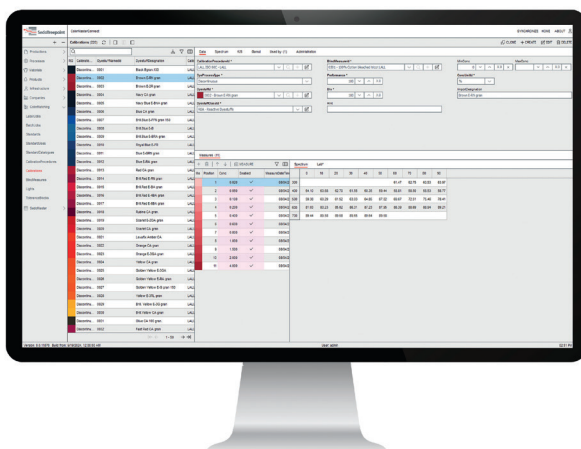
Calibration series

Production report

ColorMasterConnect

Spectro-photometer

ERP

ColorMasterConnect

Lab Dispenser

EnergyMaster

SedoExpert

SedoMaster

ColorMasterConnect is a modular system that can be set up for a simple recipe and quality control system or to a complete system with production management. All modules are connected to the same database. It can be easily adapted according to the needs of new requirements for achieving high optimizations, quickly savings and improving the production carbon footprint.

To achieve a fully optimized, automated dye house, ColorMasterConnect, in combination with the SedoMaster management system, serves as a powerful and essential tool.

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