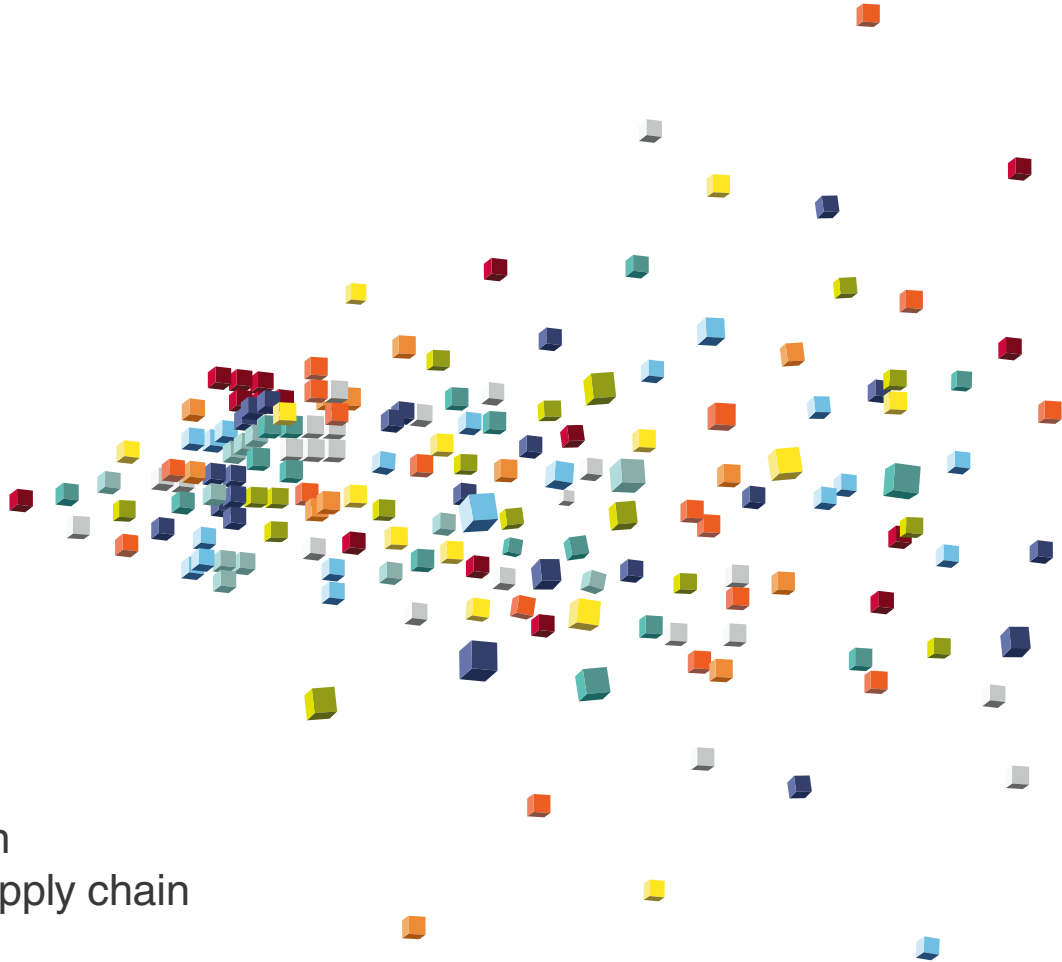




KONICA MINOLTA

Colibri[®] platform



One software platform
for the global color supply chain

Giving Shape to Ideas

The Colibri® platform helps to specify, manage, formulate, produce and communicate colour throughout all stages of the supply chain. With Colibri® users can have fast, secure and managed access to shared data from a central database and benefit from improved colour communication, improving time to market and product quality.

ColorSpec

For the specification of brands, designs and standards

ColorMatch

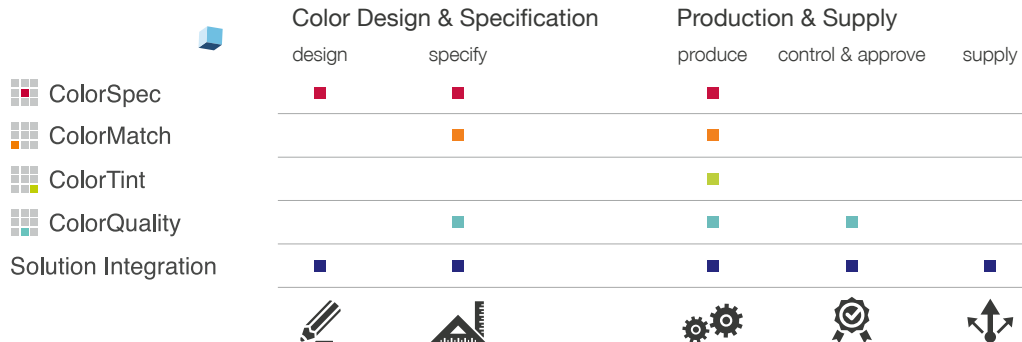
For recipe prediction of colour and opacity in different applications and on a variety of substrates

ColorTint

For dispensing of colour recipes in Lab, production or at the POS

ColorQuality

For monitoring, certification and final approval of coloured products



Colibri® ColorSpec enables creative and prepress designers, brand owners, manufacturers and material producers to use real colours in their artwork. Users can define colour standards, dependent standards and related tolerances for their products, and communicate these brands, designs and standards to their suppliers.

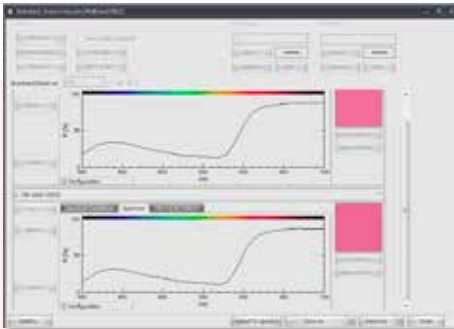
ColorSpec Add-ons

Colour Plugin

Developed for use with Adobe Illustrator® design software, this Add-on allows creative and prepress designers to connect to the Colibri® central database and select approved brand colours as well as real colour standards based on spectral colour data for use in their artworks.

Colour Feasibility

Based on optical data from colorant suppliers, designers can check early in the design phase, if a colour can be produced in a certain material or on a certain substrate. From the beginning of the specification process, the Colibri® Expert System can account for the required properties of the final product such as light fastness, heat stability, weather resistance etc.

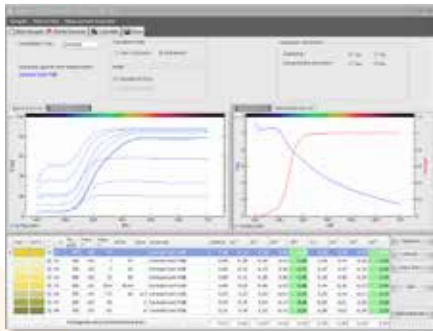


Colibri® ColorMatch is powerful, intuitive and easy to use. Using a proprietary algorithm, it ensures accurate matching of colour and opacity of opaque, translucent and transparent colours, while reducing the number of correction steps to save waste and time. The unsurpassed accuracy of Colibri® (even for dark and saturated shades) and the straightforward correction routine, helps reduce the time from match to production. Users can easily switch between several base materials while using the same set of calibration data and the versatile Expert System, allows pigment pre-selection according to application requirements.

ColorMatch Add-ons

Colorantset Manager

The Colorantset Manager Add-on is used to store and update colorant data, calibration data and optical data for use in recipe prediction and correction. Colorant Sets can be easily exported for use in other Colibri® databases.



Batch Calculator

Calculates and stores recipes for a large number of standards or entire colour catalogues, using predefined product templates containing the parameters to find the “best recipe”. This Add-on is essential for recipe creation for the POS in the Deco Paint Industry. Users are able to systematically replace components in master recipes and check the expected quality of the updated recipe before proceeding.

3D Color Gamut Viewer

Displays colour points and hulls of colour data from either colour recipes, colour catalogues or standard collections in the CIELAB colour space. The gamut viewer allows users to compare colour collections and to discover gaps in the colour space and is therefore a useful tool not only for colorant manufacturers.

Quality Control

Add-on with similar functionality as the Module ColorQuality.

Tinting

Add-on with similar functionality as the Module ColorTint.

Colibri® ColorTint controls the dispensing of colorants on tinting machines either in the Lab, for bulk production or in smaller amounts at the POS. It helps to produce the quality expected in different amounts or can sizes and with different pre-fillings and fill levels. Interfaces to various tinting machines are available, either for volumetric or gravimetric and manually or based on recipes stored in the database. Produced amounts are saved as base for statistical analysis or for recipe correction and dispensing of batch corrections. Flexible label printing and recipe reporting is possible, based on predefined templates. Colibri® ColorTint is easy to learn, easy to use and can be operated by anyone with minimal support and training.

When using Colibri® ColorMatch for recipe prediction, having access to recipes in a central database offers time savings as data are available instantly for dispensing in production or at the POS.



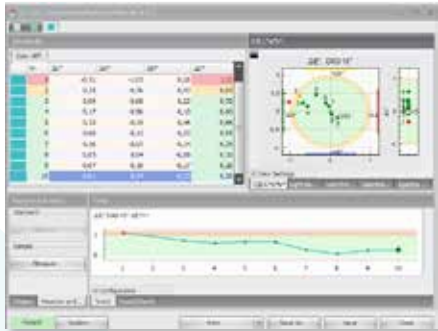
ColorQuality

Colibri® ColorQuality enables manufacturers and their suppliers to manage and control colour in the production process. The Job function helps to organize quality control tasks, regardless of application or requirement. QC templates can be created with predefined settings to simplify workflows and prevent mistakes. Job displays and job reports can be customized to meet all monitoring and reporting requirements. The software includes calculation of all common colorimetric values based on the standard illuminants or individually defined light sources. Tolerances can be defined based on the common colour difference equations or individually setup linked to the standard or to the QC Job.

ColorQuality Add-on

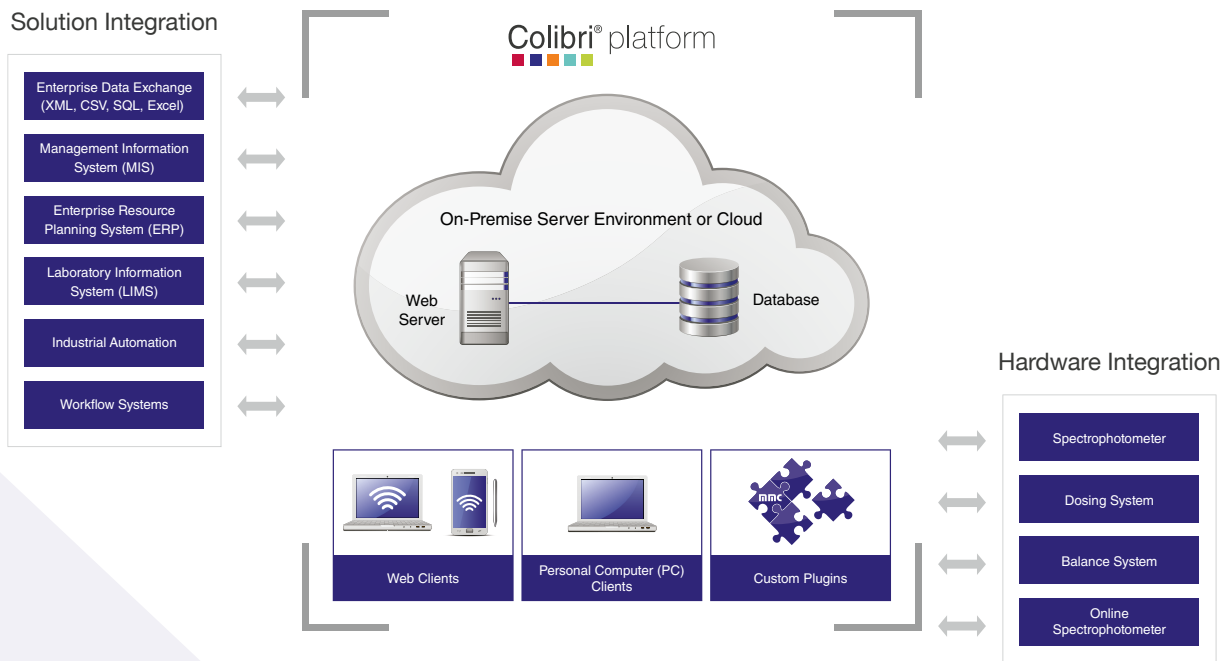
3D Color Gamut Viewer

Displays colour points and hulls of colour data from either colour catalogues or standard collections in the CIELAB colour space. It also allows users to compare colour collections and to spot gaps in the colour space.



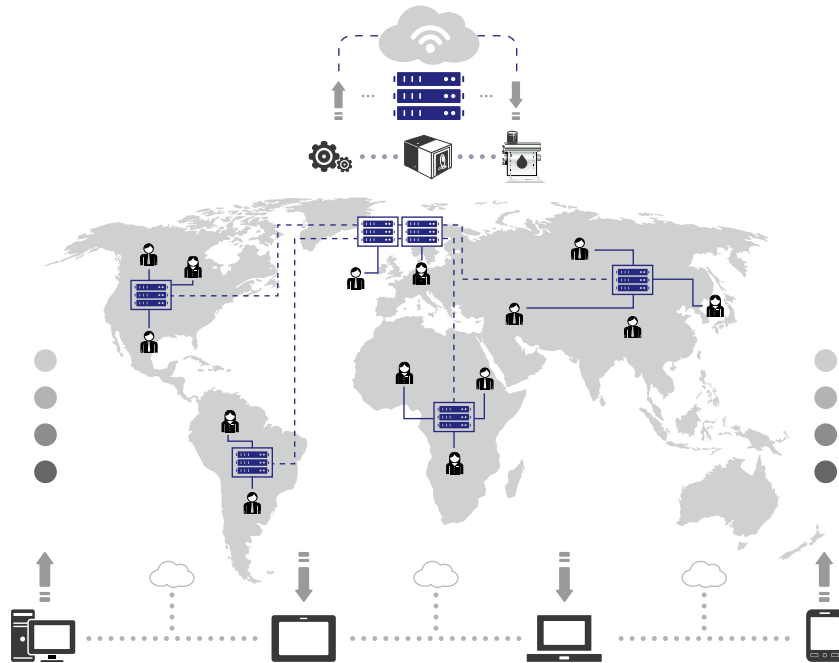
Solution Integration

With its modern architecture and centralized data storage system, Colibri® can easily be connected with enterprise resource planning systems or any other 3rd party software using build-in or custom-developed data exchange interfaces. This allows seamless import and export of data such as colour standards, recipes and Quality Control data.



Enterprise Solution

Colibri® is suitable for single-client as well as for large global enterprise installations. Utilizing the latest technologies, the database can be hosted in the cloud or in your own network environment and can be replicated across servers. Colibri® is suitable for on-premise or web-based installation.



More than just software

Colibri® offers features and solutions for all industries and applications, such as Paints, Plastics, Inks, Cosmetics, Ceramics and much more.

To implement and configure the software for your individual needs and in your special environment, a specialized Support Team only for Colibri® is rounding up our unique offer.

This support includes pre-sales consultancy, tests, installation, training and after-sales support and is not limited to the software itself, but also includes application support, which cannot be separated from the software.

Our Support Team consists of specialists from all main industries, as well as IT-specialists and is trained to support you in all stages of the colour management process remotely as well as on-site.

The range of Konica Minolta benchtop and portable Spectrophotometers offers the right measurement device for all kind of applications. Powders, pastes, liquids and granules can be measured as well as solid samples of any size, shape, structure and opacity.

The unreached accuracy, inter-instrument as well as inter-model agreement of all Konica Minolta instruments ex works, makes it possible to exchange colour data globally without compromise.

The Konica Minolta product range is rounded up by gloss and appearance meters as well as light cabinets.

Companies of world-wide reputation which have already made their choice:



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