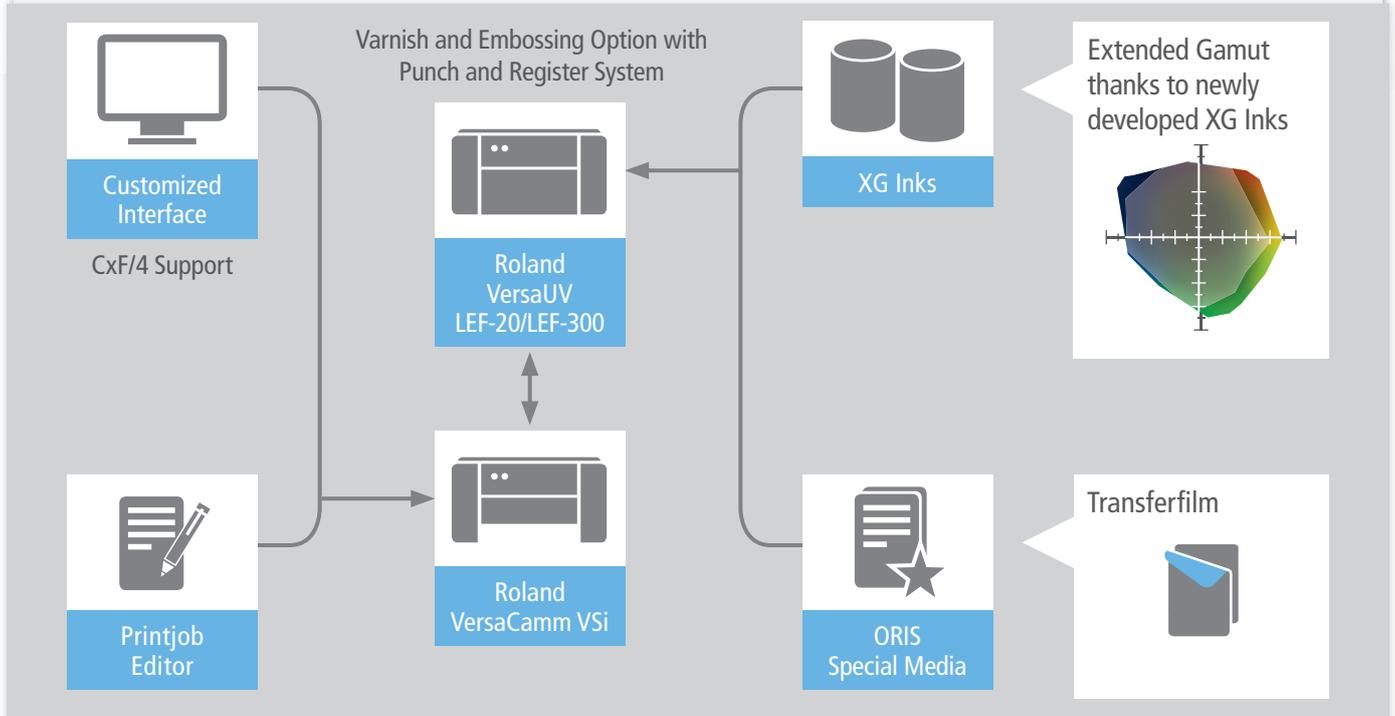


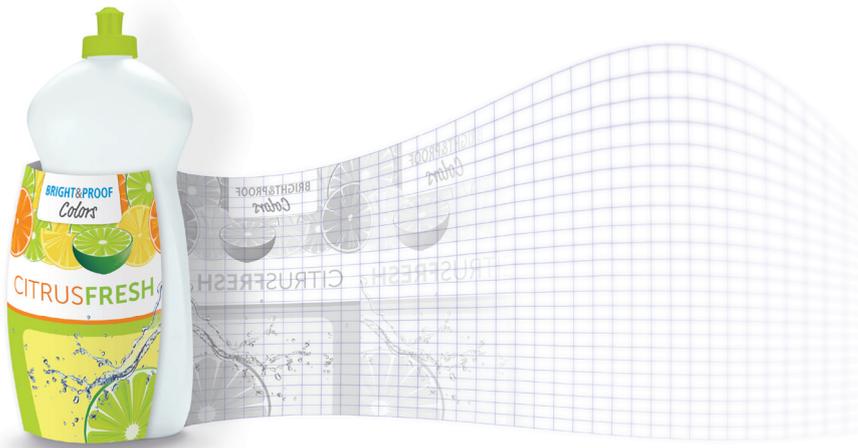
ORIS FLEX PACK //WEB

The world's leading Solution for the Production of any kind of Packaging Proofs and Dummies



Focus on the future: Put everything together with **ORIS FLEX PACK //WEB**

The wait for perfect packaging proofs is over. The **ORIS FLEX PACK // WEB** system is the leading solution for any kind of packaging proofs and dummies. For packaging professionals in design, prepress or printing. Now you don't have to accept any compromises anymore, as **ORIS FLEX PACK // WEB** offers maximum flexibility and highest quality. With this system, unique on the market, you create perfect proofs and prototypes; uncompromising, low-cost and in no time, with one single web-based application. Perfectly aligned software, hardware and media turn it into a unique system.



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ORIS FLEX PACK // WEB Software

Based on the proven ORIS proofing application, with its 4D color management technology, the **ORIS Flex Pack // Web** software was developed to fulfill the highest expectation in packaging. The system is based on the Roland VersaCAMM VSi or XR-640 series. Building on Roland's native firmware, all printer features, such as multi-pass, print-and-cut or overprint, are supported and efficiently used for the application. Many demands of the world's leading packaging companies have been implemented to make **ORIS Flex Pack // Web** the perfect solution for creating exact halftone or contone proofs. The software includes a packaging-specific spot color management, which even supports native CxF/4 spectral data, allowing for perfect spot color overprints. Furthermore, the **ORIS Flex Pack // Web** software offers integrated soft proofing, pro-of certification and halftone support. Optionally available is a connection to the Esko® Color Engine spot color database.

Roland VersaCAMM VSi Series

Contrary to common UV printing systems, the Roland VSi printers use eco-solvent inks and feature a brilliant print quality. In addition to pigmented white and metallic inks, the printer features newly developed XG inks, which include orange and green, offering a color gamut, which covers almost all spot colors. Now you can produce proofs and prototypes on a variety of substrates, which are similar to the ones used in production, from no-label-look adhesive film to shrink foil. Thanks to the built-in cutting feature, even short runs of adhesive labels can economically be produced. The printer hardware has been customized with several components developed by CGS, like a pre-heater, add-on dryers or special media feed systems. Amongst the available hardware options are also custom laminators, punches and register units.

ORIS Special Media

The extensive media portfolio has especially been developed for the specific requirements in packaging. In addition to a high ink limit and quick drying characteristics, the latest coating technology paired with an extensive quality control guarantees consistent results and maximum quality. Conventional substrates developed for signage applications mostly do not fulfill these requirements and have a lot of limitations, like a low scratch resistance, color casts or batch variations.

ORIS Media Transferfilm

Continuously improved, the now 4th generation of the ORIS Transferfilm is the key to produce packaging dummies and proofs on original print substrates. The Transferfilm is an extremely thin, flexible and color neutral foil which can be transferred to almost all original substrates, even at low temperatures, using the ORIS Laminator. So now you can produce proofs and especially prototypes, which exactly match the press output, no matter whether it is on PE film, aluminum or fluted board. The foil is extremely flexible so in can even be deep-drawn in metal printing or inmold processes. Using the ORIS Embossing Films, the surface gloss can be exactly set to match the original, even partially, to simulate spot varnish. The foil has a large color gamut and is very dimensionally stable, thanks to a polyester carrier film.

Extended Gamut thanks to newly developed XG Inks

One of the pre-requisites of producing contract quality packaging proofs is an exact match of spot and brand colors. Therefore a complete new ink set for the Roland eco-solvent printers has been developed. Compared to the standard inks, XG Inks allow for outstanding proofing results. The light inks (Lc, Lm) have been replaced with orange and green and the CMYK set has been completely re-defined. As a result, the printable color space is significantly larger, so that almost all PANTONE® colors can accurately be reproduced. Without this state-of-the-art ink technology, the production of perfect proofs would not be possible.

Simulation of Finishing Effects

Modern packagings increasingly feature complex finishing effects like spot varnishes or embossing. Even simple products like aluminum lidding foils or folding cartons made from recycling materials are inline finished today. This increasingly creates problems in proofing or prototyping, as these effects could not be reproduced. On the other hand, these effects have a significant impact on the appearance of a product, or lead to color shifts in printing, when using for instance matte varnishes. For the first time, it is now possible to perfectly simulate these effects accurately registered on a proof or dummy, thanks to the ORIS Varnish and Embossing Option. Using a custom punch and precision register system, prints, printed with **ORIS Flex Pack // Web** on the Roland VSi printers, can then be finished on a Roland VersaUV LEF-20/300 printer, also controlled by the system. Even delicate matte or gloss spot varnishes can be produced, as well as embossing or texturing effects. Thanks to the ORIS software, density and thickness of the varnish can be exactly controlled.