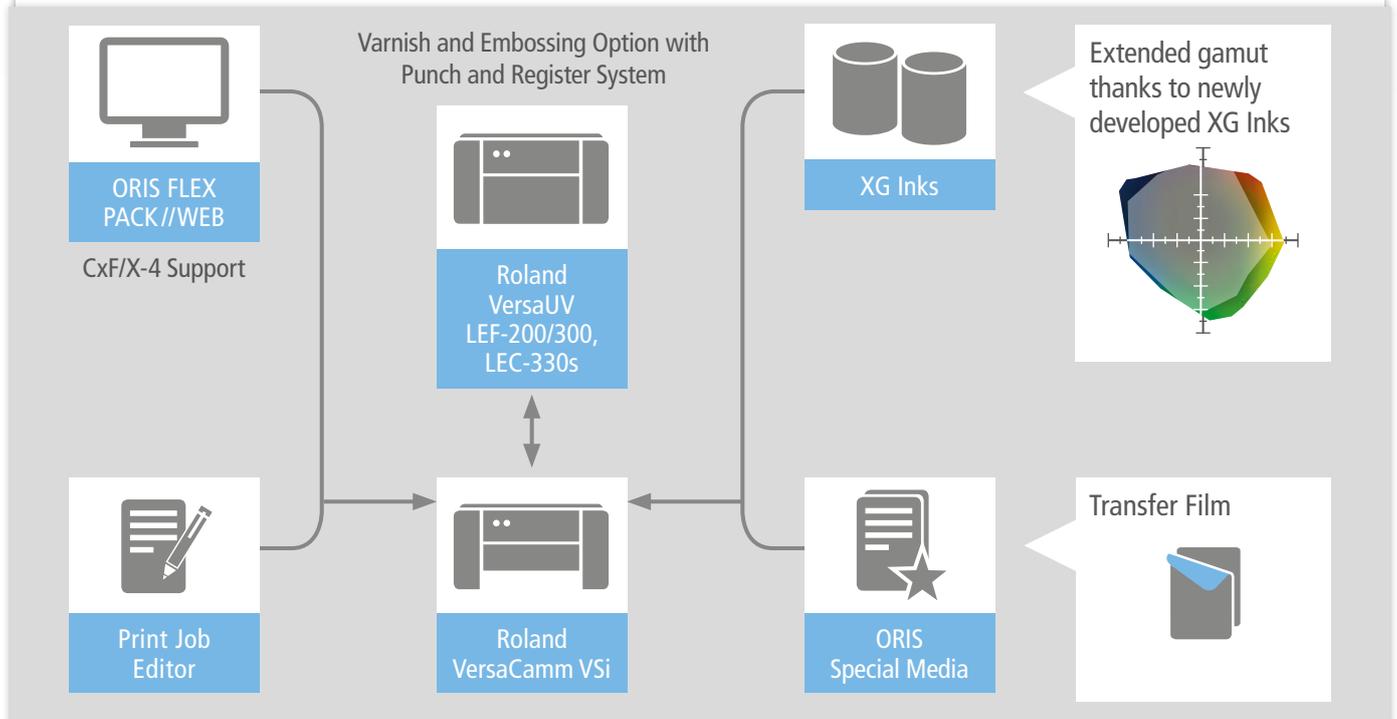


# ORIS FLEX PACK // WEB

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 half-tone or contone proofs. The software includes a packaging-specific spot color management, which even supports native CxF/X-4 spectral data, allowing for perfect spot color overprints. Furthermore, the **ORIS Flex Pack // Web** software offers integrated soft proofing, proof certification and halftone support.

## 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 be produced economically. 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 Transfer Film

Continuously improved, the now 4th generation of the ORIS Transfer Film is the key to the production of packaging dummies and proofs on original print substrates. The Transfer Film 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 pro-

duce proofs and 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 it can even be deep-drawn in metal printing or in mold processes. Using the ORIS Media 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 prerequisites 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 redefined. As a result, the printable color space is significantly larger, so that almost all PANTONE® colors can be reproduced accurately. Without this state-of-the-art ink technology, the production of perfect proofs would not be possible.

## Simulation of Finishing Effects

Modern packaging features 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. Until now it has been impossible to reproduce these effects, which has caused more and more problems in proofing and prototyping. However, these effects have a significant impact on the appearance of a product and lead to color shifts in printing when matte varnishes are used, for example. Now, thanks to the ORIS Varnish and Embossing Option, it is possible to simulate these effects on a proof or dummy – perfectly and accurately registered. Using a custom punch and precision register system, jobs printed with **ORIS Flex Pack // Web** on a Roland VSi printer can be finished on a Roland VersaUV LEF-200/300 or LEC-330s printer, which is also controlled by the ORIS system. Even delicate matte or gloss spot varnishes can be produced, as well as embossing or texturing effects. The ORIS software also allows you to control the density and thickness of the varnish.

Thanks to a specific software function, it is now possible to apply real cold foil to the print. The separation is printed with uncured varnish, onto which the cold foil is applied afterwards using a laminator. The foil sticks where the varnish has been printed. The varnish is then finally cured in the printer. The result can also be overprinted with varnish to create realistic hot stamping effects.