

## Newsletter

### AlpVision SA

1800 Vevey, Switzerland

T: +41 21 948 6464

### AlpVision North America

Chicago, IL 60606, USA

T: +1 312 283 8260

### AlpVision China

Shanghai 200131, China

T: +86 21 2076 5516

W: [www.alpvision.com](http://www.alpvision.com)

## Headlines

June 1, 2018

### Authentication Solutions for Bottles

### Fingerprint Technology Improvement

### AlpVision Compatible with WCO IPM Version 2.0

### Authentication Solutions for Bottles

In the past few years, AlpVision has developed an entire family of solutions to authenticate bottles. In particular for automotive lubricants and the distilled spirits industry, we adapted the Cryptoglyph technology so that it would work successfully with labels, plastic shrink sleeves, aluminum seal liners, tin capsules, polymer capsules and metal caps. AlpVision's Fingerprint technology was also refined to work on any plastic cap, including those of circular shape without any reference markings. This was made possible using newly created algorithms which are able to automatically recover the rotation angle of the cap. All those developments have been not only technical achievements but also commercial successes leading to deployed products. These results demonstrate the versatility of the Cryptoglyph which can be printed using a large variety of technologies and on very different materials.



### Fingerprint Technology Improvement



One of our flagship authentication solutions is the AlpVision Fingerprint. It enables consumers to instantly authenticate a product just using the micro-imperfections made during its manufacturing. Only a smartphone is needed, without any additional devices like lights or lenses. One of the specific benefits of this approach is that it is not the packaging but really the product itself which is authenticated. We are proud to announce that we recently refined our detection algorithms to the point that we can now authenticate products which are placed *behind* a transparent media. This

enables to authenticate products which are placed in packages featuring a transparent plastic window. Several of our customers are benefitting from this improvement. Moreover, the technology is not limited to transparent packaging as we have also deployed it on luxury watches with clear case backs.

### AlpVision Compatible with WCO IPM Version 2.0

Some time ago the world customs organization released API Version 2.0 of IPM, their web and mobile platform. This platform allows rights holders to share relevant product information and facilitates online verification of product authenticity. AlpVision was the very first solution provider to integrate into IPM giving parties such as customs the possibility to verify product authenticity using AlpVision's technologies. The release of the new API Version 2.0 extends the first version of IPM with new functionalities. All our solutions are now fully compatible with this new release and a demonstration system is available upon request. How does it work? Users simply use the IPM application to scan the product QR/barcode with their smartphone and are then guided through the authentication process. Our solutions are fully integrated into the IPM application, making the authentication process using AlpVision solutions totally seamless to the user. For more information, visit the WCO IPM page [here](#).



WORLD CUSTOMS ORGANIZATION  
ORGANISATION MONDIALE DES DOUANES