



ARZIRO DESIGN

Security Design Software

Make it as difficult as possible for a forger or digifeiter to counterfeit your brand, products and documents by pushing the limits of creativity and security design.

With the availability of new technologies, counterfeiting is on the rise, posing severe risks to businesses, governments and individuals worldwide. As a powerful security design tool that generates personalized, copy-proof elements, Arziro Design helps protect counterfeit-sensitive documents or items from forgery and lets high-security designers create realistic mock-ups for tenders.

YOU
PRINT.
WE
CARE.

A multitude of security design tools at work

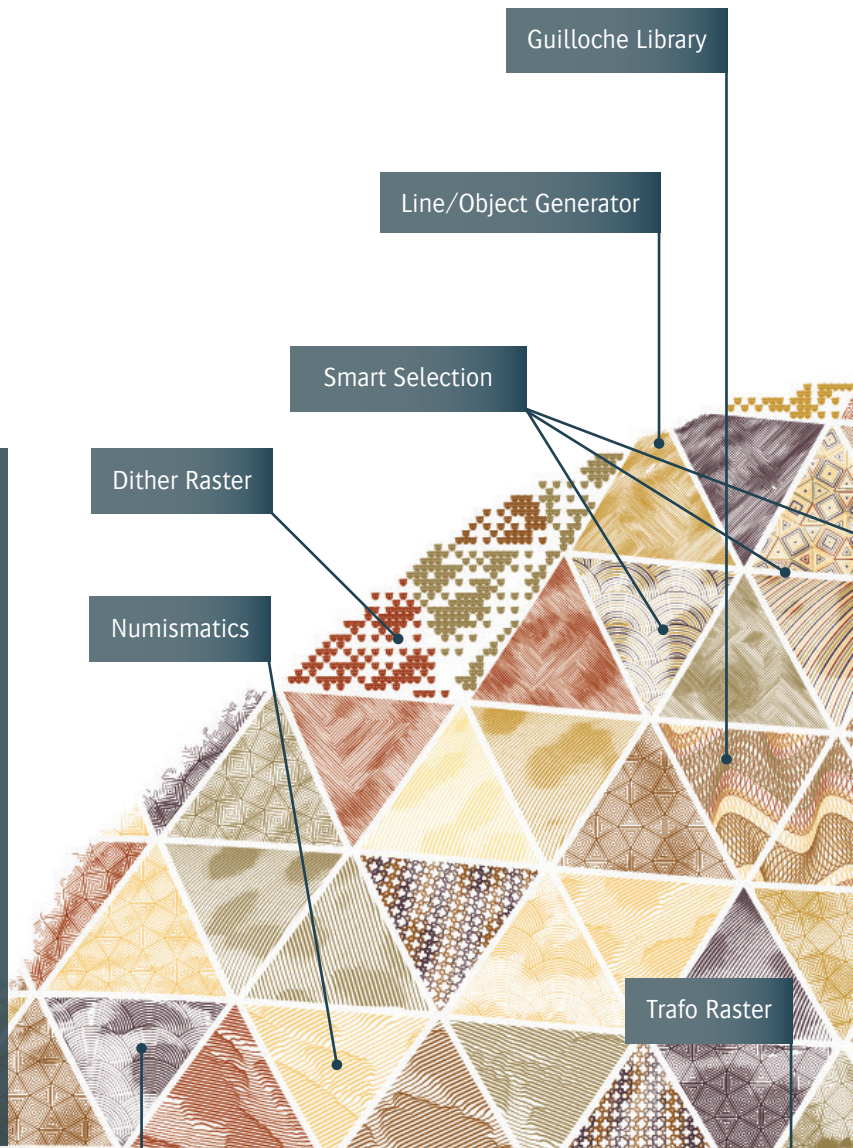
Only by combining different tools and techniques can you create an effective, layered anti-forgery design. Arziro Design is the perfect assistant for this layering process: it combines existing designs (e.g. artwork, photographs) with copy-proof security elements.

Security screens are the cornerstones of contemporary high and general security design. Take them to a new level with Arziro Design's Line Raster, Select Raster, Trafo Raster and Dither Raster tools. These tools replace a template image with a set of lines or objects positioned and modified according to the template's grey values. The resulting, personalized security screens generate interference patterns when copied.

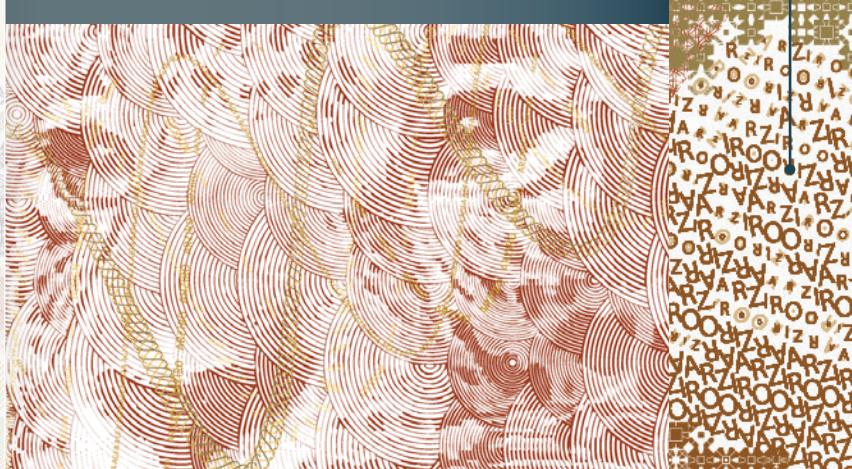
- The **Line Raster** tool generates changes in the width of lines.
- The **Select Raster** tool replaces elements of a pattern with user-made objects.
- The **Trafo Raster** tool transforms patterns through displacement, rotations, scaling etc.
- The **Dither Raster** tool generates new patterns by repeating a given object or removing elements from an existing pattern.

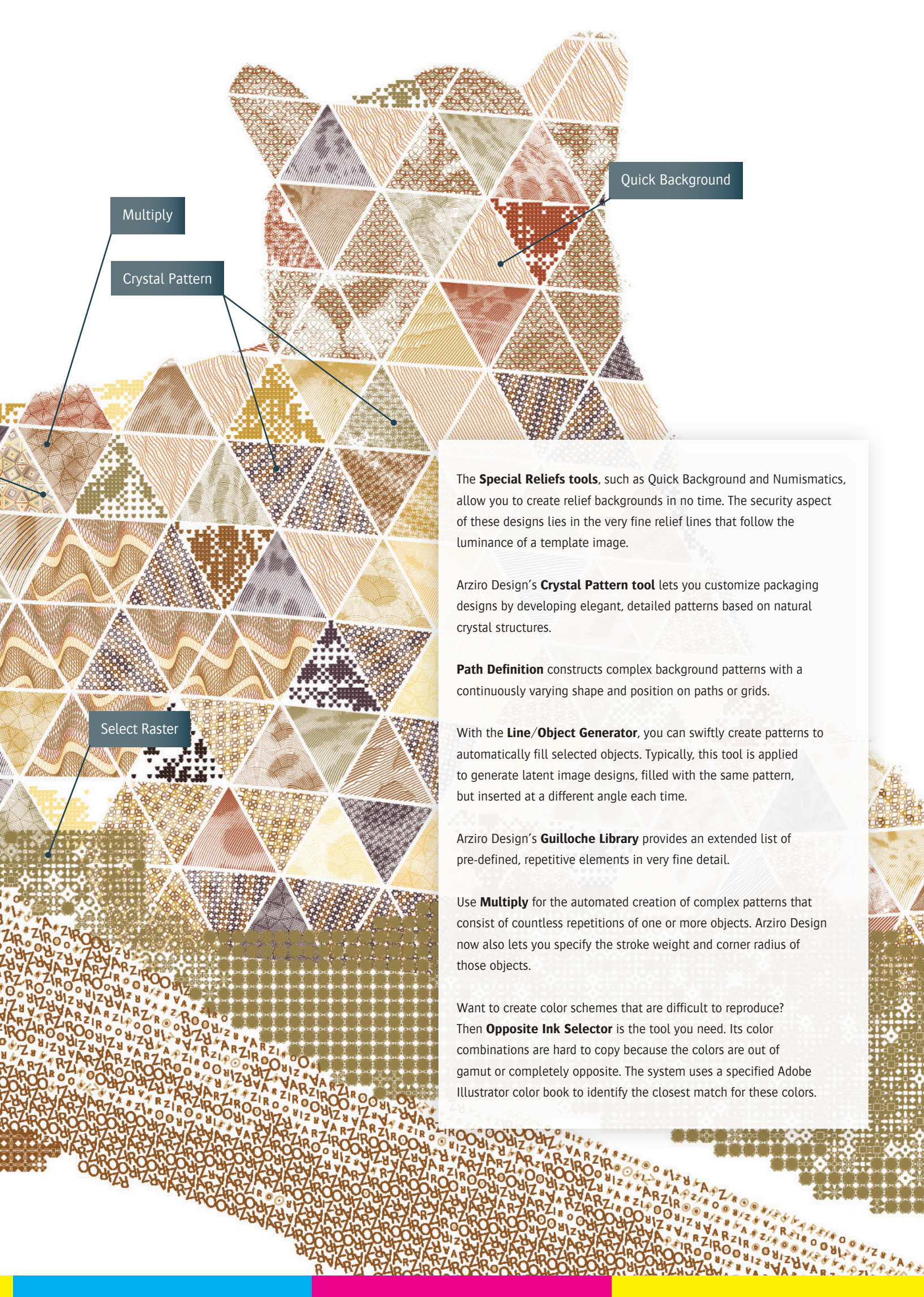
Arziro Design in a nutshell

- A general security design solution that runs as a plug-in for Adobe Illustrator Mac and PC.
- A multitude of modules to create personalized and complex elements, backgrounds and patterns.
- A simple, yet powerful way to protect your documents from illegal photocopying and scanning.
- A cost-effective, time-saving solution to create security design mock-ups and documents in-house.



Line Raster in combination with Path Definition





Multiply

Crystal Pattern

Quick Background

Select Raster

The **Special Reliefs tools**, such as Quick Background and Numismatics, allow you to create relief backgrounds in no time. The security aspect of these designs lies in the very fine relief lines that follow the luminance of a template image.

Azriro Design's **Crystal Pattern tool** lets you customize packaging designs by developing elegant, detailed patterns based on natural crystal structures.

Path Definition constructs complex background patterns with a continuously varying shape and position on paths or grids.

With the **Line/Object Generator**, you can swiftly create patterns to automatically fill selected objects. Typically, this tool is applied to generate latent image designs, filled with the same pattern, but inserted at a different angle each time.

Azriro Design's **Guilloche Library** provides an extended list of pre-defined, repetitive elements in very fine detail.

Use **Multiply** for the automated creation of complex patterns that consist of countless repetitions of one or more objects. Azriro Design now also lets you specify the stroke weight and corner radius of those objects.

Want to create color schemes that are difficult to reproduce? Then **Opposite Ink Selector** is the tool you need. Its color combinations are hard to copy because the colors are out of gamut or completely opposite. The system uses a specified Adobe Illustrator color book to identify the closest match for these colors.



Arziro Design

Daunting designs, ensured security

Forget about using non-dedicated, readily available software to mimic security elements – a time-consuming process that results in easy-to-copy designs. Create unique, fool-proof security elements with Arziro Design instead. Running as an advanced plug-in for Adobe Illustrator Mac and PC, this general security design software easily brings professional security design in-house and enables full creative freedom in a known, yet secure environment.

Acknowledging graphic design as the most basic element of security printing, Arziro Design puts both aesthetics and security into the hands of the in-house designer. As such, it offers increased control and reduced design costs. In addition, Arziro speeds up time-consuming design tasks such as the creation of security mock-ups and high-security tenders.

Create security designs for products printed in offset, flexo, digital, gravure, digital and more. Incorporate security elements in your blueprints that reflect the desired final result. Save elements for later use in the final high-security design. And generate secure holograms, complex laser engraving images, and more.

Version 6 of Arziro Design includes a Trafo Pattern Generator, a new tool for creating complex designs in a controlled way. Designers can now also generate a phantom image or object, a so-called latent image. In addition, version 6.0 adds the option to create variable designs with practically all tools, including the latent image tool, for brand protection and security prints. It allows the creation of endless variations for use on various digital presses.

Although Arziro Design is easy to work with – especially for those familiar with Adobe Illustrator – ECO3 provides customized trainings to help you or your designer master the tool quickly.

Arziro Design Plus

As an additional flavor of Arziro Design exclusively available to government entities and certified security printers and designers, Arziro Design Plus offers greater control of the output and printability of designs, as well as extra functionality. It uses spot colors within the Trafo Raster module, for example, and includes dedicated tools like Smart Selection.

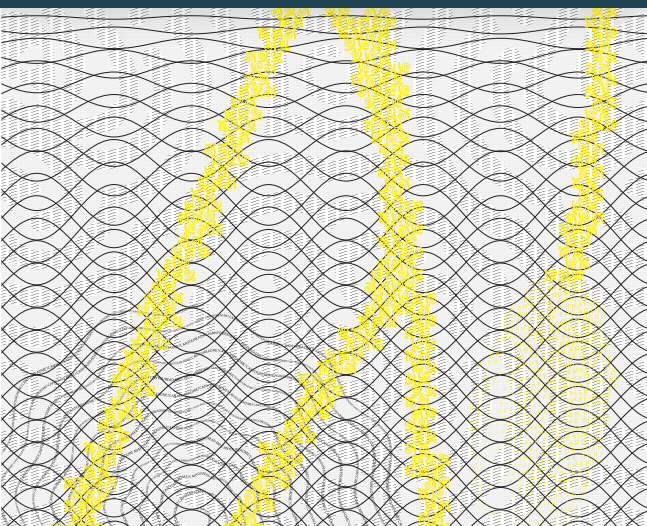
This premium version of Arziro Design comes with a new module, Arziro Blend, which generates new elements based on one or more selected elements with specific line distances and line weights, for added design possibilities.

Arziro Anti-Copy

Available for Arziro Design and Arziro Design Plus, the optional Arziro Anti-Copy module adds security to your copy-sensitive documents by producing custom-made, copy-proof patterns. It includes small, covert security elements in the layout of files, which will give a clear indication of forgery after copying or scanning.

Try it out!

Want to give Arziro Anti-Copy a try? Copy this page and watch how the security design and design pattern work together. You'll either see a security pattern appear, or your security design will become completely blurred, depending on the type of copier and settings used.



Unique anti-forgery software

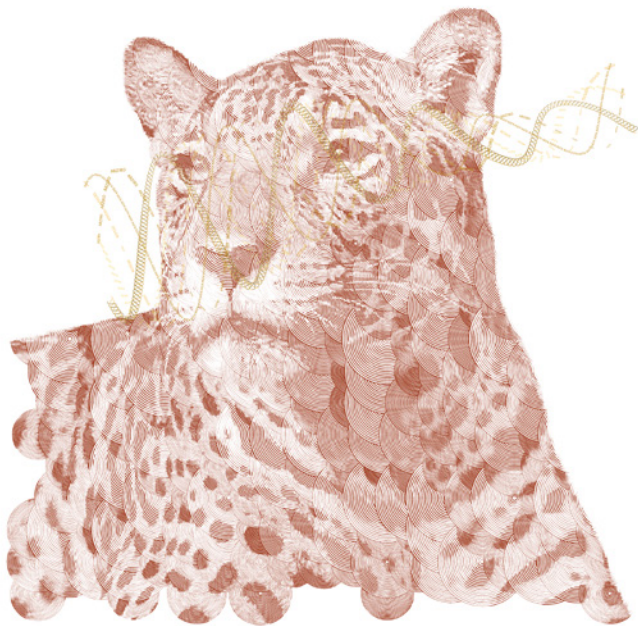
While many anti-counterfeiting efforts tend to overlook graphic design, Arziro Design acknowledges it as one of the most basic and important elements of document and brand protection. Inspired by high-security software, it incorporates the aspect of security into the initial step of document or product creation.

Extendable

Arziro offers greater flexibility as it easily integrates with additional software, such as Arziro Anti-Copy (availability depending on region).

A multitude of design tools

Rather than using standard vector graphics software to create security elements - often time-consuming and definitely not copy-proof - opt for Arziro Design. It enables you to create complex and reliable security designs as well as realistic mock-ups of high-security documents.



Suitable for many types of printing

Designs created using Arziro can be printing in offset, flexo, digital, and more, with various output resolutions.

Versions for Mac and PC

Running as a plug-in for Adobe Illustrator on Mac and PC, Arziro Design offers a straightforward and easy-to-use anti-counterfeiting solution. Image color conversions are performed on the fly, while settings are applied to the design in real-time and creations can be easily adapted, as they are regular Illustrator elements.

Special Plus version available

Arziro comes in a Plus version that is specifically developed for government entities, certified security printers and designers.

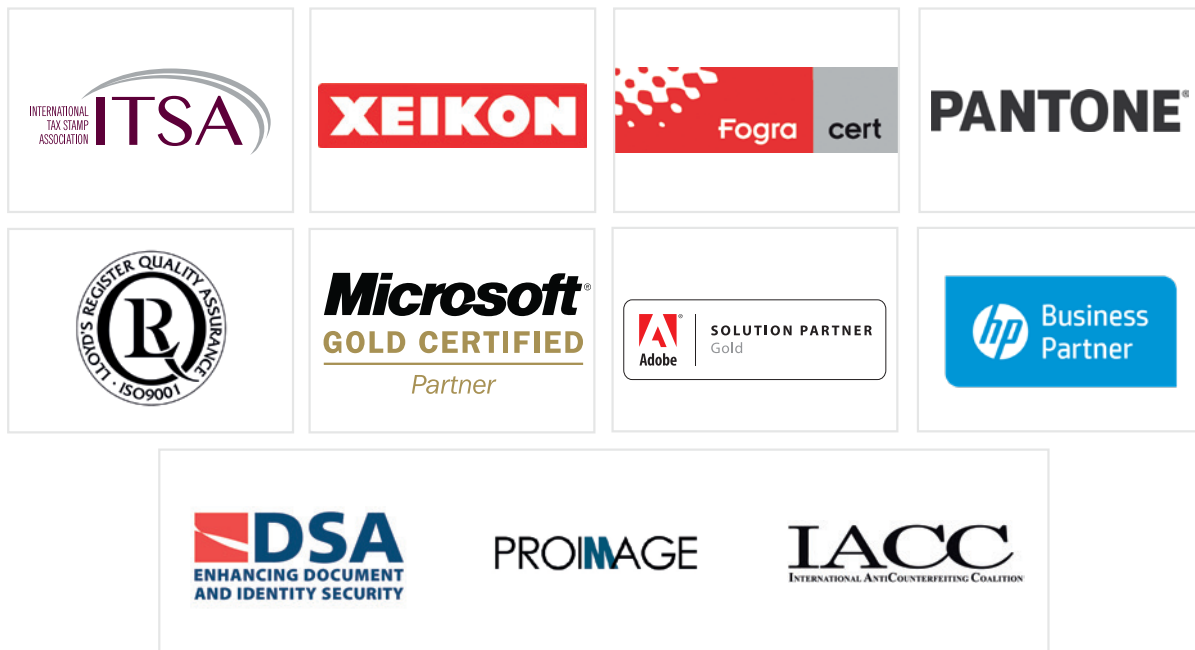
Benefits of Arziro Design

- One application covers it all**
 Arziro contains a complete set of security design tools to create complex, fraud-detering designs.
- Runs as a plug-in for Adobe Illustrator**
 Works within the industry-standard application that most designers are familiar with.
- Easy to use**
 The efficiency of Arziro's design tools let you achieve high-level productivity.
- Brings security design inhouse**
 This results in more control, full integration and reduced design costs.

About ECO3

As an industry leader in high-security graphic design software, ECO3 boasts an impressive 20 years of experience in the field. Based on this background of high-security printing, ECO3 has developed Arziro – a solution that flawlessly meets the needs of the general security printing market.

PARTNERS



Technical specifications

	PC	Mac
Illustrator	CC 2022	CC 2022
Operating System	Windows 10/11 64-bit	macOS 10.15 (Catalina), macOS 11.2 (Big Sur), or macOS 12 (Monterey)
Processor	Intel® Core™ i7 8700 3.2 GHz or better	Multicore Intel processor with 64-bit support (The Apple M1 Processor is supported)
Memory	16 GB RAM or more	16 GB RAM or more
Hard Disk	500 GB SSD drive	500 GB SSD drive
Video Card	Intel® UHD Graphics 630 or better	
Monitor	1280 x 800 monitor or higher resolution	1280 x 800 monitor or higher resolution

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