

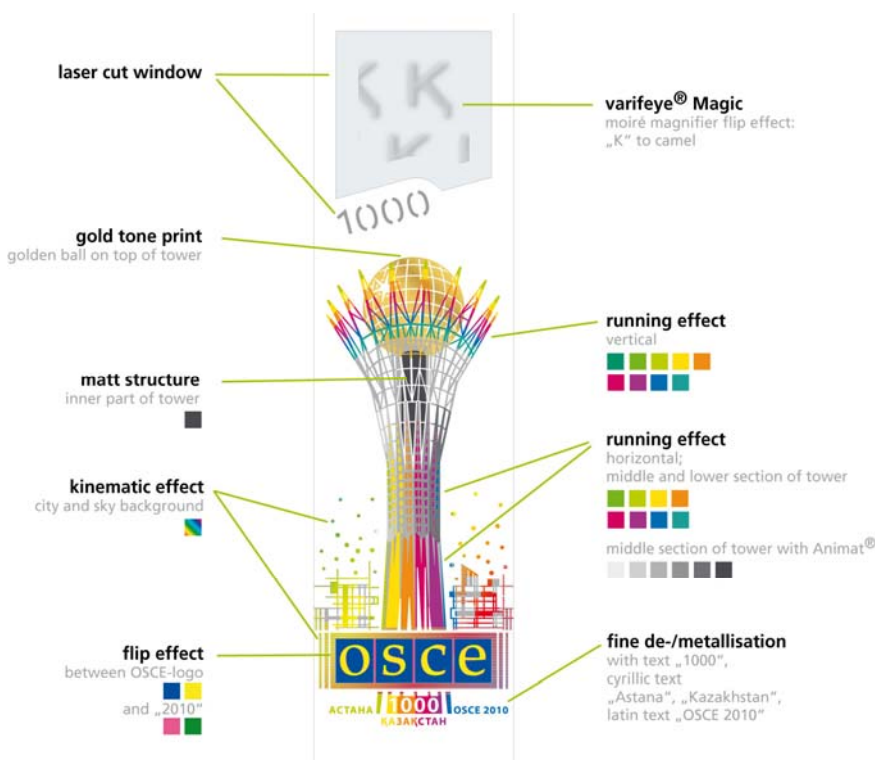
varifeye® Magic™ in Kazakhstan's 1000 Tenge Banknote

The world's first banknote featuring Louisenthal's Moiré Magnifier feature.



The new 1000 Tenge banknote with optically variable window (black in the picture)

On the 5th January the National Bank of Kazakhstan released 10 Million new 1000 Tenge banknotes in commemoration of Kazakhstan's Presidency of the OSCE in 2010 (OSCE: Organisation for Security and Cooperation in Europe). The production of this banknote paper involved pioneering work, for which the project has already received extensive recognition.



The note features the sophisticated **varifeye® Magic™** window feature. Within the window, micro-optic lenses magnify a micro-structure that by tilting the note triggers movement of a three-dimensional object e.g. in this case a change between the image of a camel and an image of the letter "K". As a barrier against counterfeiters, it serves as an easy authentication test for the general public! Directly under the window is the denomination value "1000" in micro text as a laser cut window. Another national symbol can be found on the holographic stripe, with the futuristic Baiterek Monument appearing as a hologram with matt structure, **Animat®**, **SilkLine®**, fine de-/metallisation effect and holographic effect that flips between "OSCE" and "2010".

The **ColourShift/ColourFix** window thread is comprised of the optically variable element and new machine readable element **MultiCode™** and **Pole®** features. When the note is tilted the ColourShift colours of the thread change from magenta to gold, whilst the reference colour remains magenta. A design with the text "OSCE" and "2010" remains fixed in gold colour. Viewed in reflected light, the de-metallised text "K3" is visible. With the aid of a Polarising filter, a further hidden design is visible.

