



Independently monitored and provable currency stabilization

Guardtime's Keyless Signatures provide proof of integrity for the WOCU World Currency Unit.

OVERVIEW

Excessive volatility in foreign exchange rates creates a tremendous amount of business uncertainty. The WOCU® World Currency Unit (a Registered Trademark of WDX Organisation Limited) is a contemporary derivative currency basket comprised of quoted currencies, providing the perfect "off the shelf" natural currency stabilization solution to this issue.

CHALLENGES AND DRIVERS

- Need to prove that WOCU fixing data has not been tampered with.
- Traditional technologies that are designed to protect the integrity of data do not scale to the levels required and are very costly to implement and maintain.

SOLUTION HIGHLIGHTS

- All WOCU fixing data is indelibly signed to prove integrity and authenticity, concurrent with delivery to WOCU subscribers.
- WOCU and the WDX Organisation Limited can maintain long-term proof of integrity for historical currency values without managing public/private keys.

Provably-Authentic Global Currency Valuation

Critical financial decisions will be made using WOCU distributed fixing data distributed as PDF files. The guarantee of accuracy and authenticity of this data must be absolute. WOCU's integration of the Guardtime Keyless Signatures provides independent and auditable proof that distributed WOCU fixing data has not been compromised.

Tamper-Evident Communications

The true benefit of the WOCU comes through its unfettered use in the market. The WOCU team has developed a series of applications to reference the WOCU price (real-time streams & fixing data), create materials (charts and reports), and communicate (using tweets / instant messaging).

"WOCU data and applications allow our clients to fully recognize the value of the WOCU as a natural currency stabilizer. With the integration of the Guardtime Keyless Signatures, our clients now have the proof they need that WOCU fixing data is authentic and tamper-free. This supports our goal of promulgating the unfettered use of the WOCU in markets and businesses around the world."

— Mike Blakey, MD, WDX Organisation

The recipient(s) of fixing data demand proof that they are genuine WOCU

and have not been tampered with. The integration of the Guardtime Keyless Signatures provides the proof required.

BUSINESS BENEFITS

- WOCU subscribers can make critical financial decisions based on content that is independently-provable to be authentic and tamper-free.
- WOCU and WDX benefit from conversion of trust to proof, reducing the risk of fraud and misuse of WOCU fixing data.

Visit www.guardtime.com for more about using Keyless Signatures for your telematics solution.

Guardtime was founded with the goal of solving one of the biggest problems in computing: how to be sure electronic data is authentic. Guardtime's Keyless Signatures provide proof of origin and that not a single bit has changed since a specific point in time. The verification of the signature can be done offline without



reliance on keys, secrets, or the existence of a trusted third party. Guardtime's mission is to change the world to one in which Keyless Signatures are ubiquitous and a natural part of the everyday data lifecycle, whether on disk, in transit, or in the Cloud.

The **WDX Institute** is a wholly independent, not-for-profit, research body which has been established and sponsored by WDX Organisation Limited to further academic research about World Currency Baskets and their application in global trade and finance, with particular emphasis on the concept of a World Currency Unit. The WDX Institute will also independently monitor the application of the underlying WOCU Algorithm to determine the value of the WOCU. The WDX Institute will also dictate the revision of the WOCU basket and its constituents. Visit www.wocu.com for more information.

