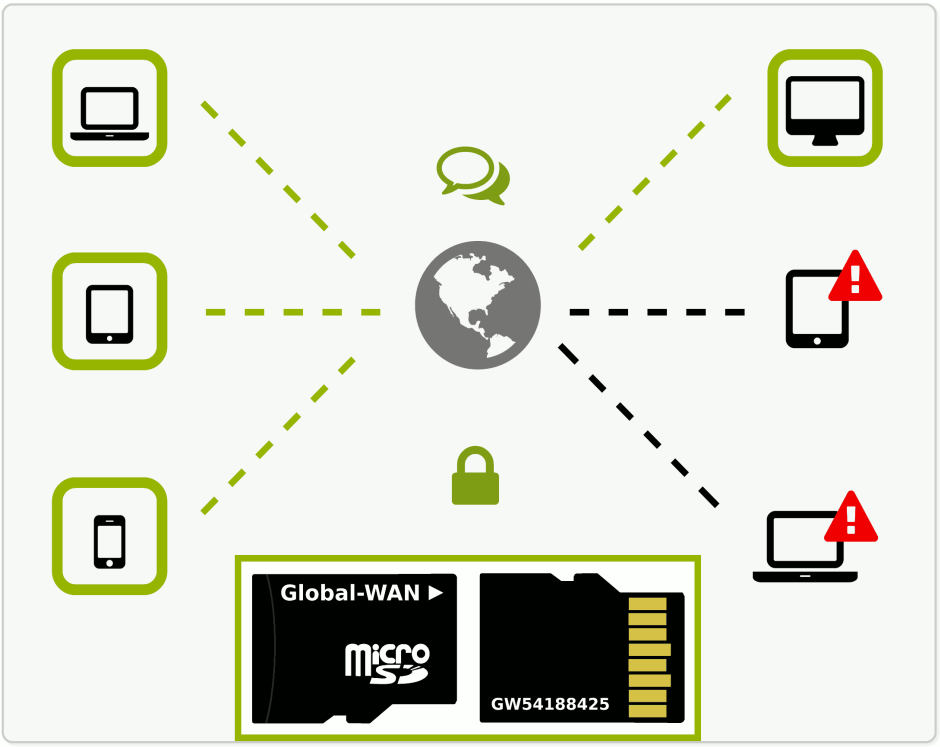
TrustLeap
Global-WAN

TOMORROW'S SECURITY

For Today's Infrastructure



Foreword

Some products claim to be safer because they are “certified” by a government authority (NIST, ANSSI, BSI, etc.). These certifications are all similar because they use the NSA “Common Criterias” (CC) that impose “trusted” US standards.

Others claim to be safer because they are open-source (despite vulnerabilities being found in executables – not in source code). FIPS-2 certified “Open-SSL” has shown that when something is free, you are the product being sold.

Global-WAN is different because it can secure any “certified” product, and any “trusted” standard with provably-unbreakable **post-quantum encryption**.

And if we proudly present the French DRM (Direction du Renseignement Militaire) logo, this is to remind the facts that they:

a) are the most competent authority of the field that we have met in person,
b) have unsuccessfully tried to conduct know plain-text attacks on TrustLeap,
c) asked TWD Industries to give them the TrustLeap cryptosystem – for free.

Global-WAN is different because it secures our unsafe infrastructure in a way that nobody will ever be able to compromise (whatever the computing power).

It means that, even if your organization wants to use key-recovery (a feature trivial to add to any cryptosystem) to monitor your networks, then no one else – including TrustLeap – will be able to take advantage of this feature.

Trust is too precious to let the spies impose to all others how it should work.

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Global-WAN

Phone & Fax [TOP-SECRET]

You just keep using your existing phones and fax machines as usual:

Only the phone numbers of the TrustLeap subscribers are protected by the Global-WAN **gate** (their calls are unreadable and cannot be tracked: no more "who, where, when" metadata is available).

1 2 3

Global-WAN is a unified global communication network (phone, fax, Web, LAN, Internet) based on unique technologies which are consistently absent from all other “security” offers:

1. encryption is **compliant** and **unbreakable forever** (post-quantum)
2. no user nor application **metadata** (who/where/when)
3. publicly available as ***private*** **Cloud services**

For many users, hiding metadata (who called who, when, from where) is as important as provably hiding contents.

Unbreakable encryption is not really new (the US / USSR red phone of the cold war) – and there are better ways than the one-time pad.

Other security solutions rely on security broken by foreign spy agencies and criminals. They also expose users' metadata, making it trivial to track people's habits, location, and friends.

Presentation:
http://slideshare.net/slideshow/embed_code/40108282 (English)
http://slideshare.net/slideshow/embed_code/41349272 (Russian)

Product photos, pricing, testimonials (right column):
http://global-wan.ch/en/partners.html

The need: the weaknesses of the cryptographic standards
http://slideshare.net/slideshow/embed_code/21882001

Whitepaper: NSA vulnerabilities costs for the US economy:
http://cryptome.org/2014/07/nsa-naf-spy-costs.pdf

TrustLeap sells licenses that let organizations run their own Global-WAN network, and we pay commissions ranging from 10 to 70% (from affiliates to distributors and partners) as long as end-users are registered.

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Global-WAN

Email / CRP / ERP [TOP-SECRET]

Nomad and LAN users share enterprise applications via the Internet as usual:

The Global-WAN **gate** makes the data unreadable forever (even against quantum computers) and makes it impossible to track users (no more "who, when, where" can be exploited).

1 2 3

Global-WAN has been designed to work seamlessly with the existing infrastructure. It transparently secures, email, enterprise applications, VoIP, database servers – anything going through networks.

When you plug a Global-WAN gate you decide which remote Global-WAN users will be allowed to reach which of your resources – and when.

Everything else is kept at bay. There's simply now possible way to anyone else to interfere with your choices.

Even existing product and OS vulnerabilities are made powerless because they can't communicate with their remote operators (they would have to use Global-WAN and you would have to authorize them to reach your infrastructure).

If you install firewalls and monitoring systems behind Global-WAN gates then you will stop all attacks from the outside world. Ensuring security is then immensely easier.

Global-WAN works for mobile users (smartphones, tablets, laptops), and it works behind routers and firewalls (desktops, servers). We work hard to make sure that no configuration is needed because every time you need to make a choice:

- you may lack the information needed to make the correct decision,
- your products may be buggy or backdoored and do the wrong thing,
- you have other things to do than becoming an infrastructure specialist.

The team behind TrustLeap started to design network security in 1998. We have filled patents, we have always created our own infrastructure – and we have used it during years before making it available to the outside world.

It's when new clients don't need to call our technical support that we know we did it right. And if you need help anyway, we will make our best to resolve your problem – or add the feature you need – for everyone else's benefit.

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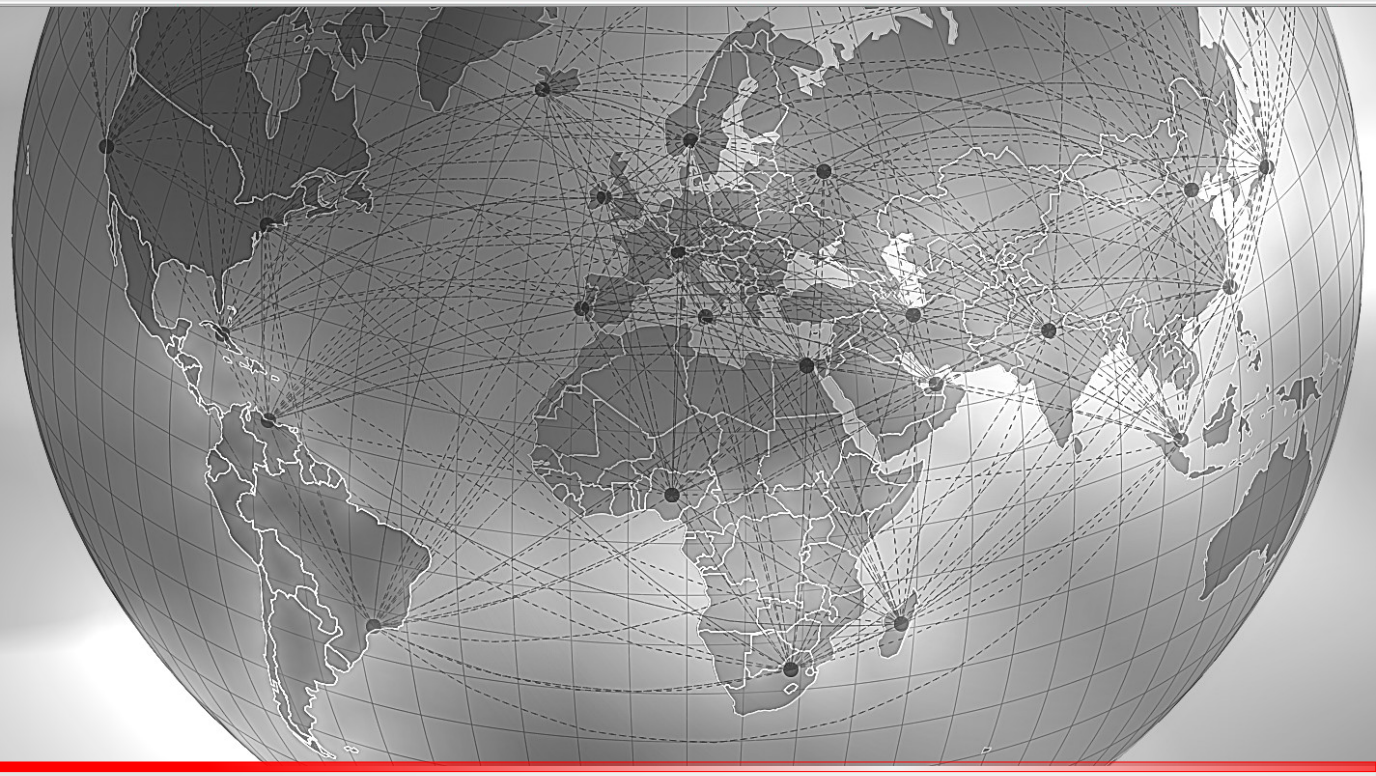

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About TrustLeap Labs

TrustLeap Labs, the security division of TWD Industries AG, protects digital assets with **cryptanalytically unbreakable** technology (safe against unlimited computing power as it is proven mathematically that no key leaks can be exploited). The TrustLeap secure platform leverages offers of enterprise, cloud, networking, digital media and financial services in global strategic markets.