Fibernet

SOFTWARE
CYBERSECURITY

WAN

LAN

SECURITY

HARDWARE
CYBERSECURITY

PERIPHERALS

Do you have a locked front door
AND A BACK DOOR THAT IS WIDE OPEN?

Many organizations have strong software security, but lack physical security against data breaches

THE COSTS OF A DATA BREACH CAN BE ENORMOUS – EVEN FATAL

Economic Impact

In 2021, the average cost of a data breach rose to US

$4.2 million per company.

It's too expensive to be insecure

Reputation Impact

A data compromise:

- Damages your brand.
- Diminishes your clients' trust.
- Lowers your profit and value.

SOFTWARE SECURITY HAS INCREASED IN RESPONSE

Software spending has increased… but can never solve the whole problem

Worldwide spending on information security exceeded

2017 US $66 billion
2018 US $114 billion
2021 US $150 billion

Today's hybrid work environments have massively increased the threat of a breach

Software security starts after the system has been accessed.

Do you trust that your current system can handle any attack?

WEAK OR NON-EXISTENT PHYSICAL SECURITY INCREASES RISK

What is physical security?

Security that is literally based on the laws of physics – makes it physically impossible to transfer data in the wrong direction; denies attacker access to your system

Why is it necessary?

Corporations are being widely targeted in cyber-attacks via vulnerable supply chains and endpoints. Even simple devices such peripherals can be used to threaten networks, making cuber-protection an imperative for ensuring the continuity of business operations.

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1 Physical security is an absolute solution

Provides necessary connectivity, but creates physical barrier to unsafe data flow flow on video, audio and USB signals.

- **One-way data flow** – Functionality without the possibility of data compromise
- **Signal restriction** – Filters what kind of data can be transmitted
- **Isolation of networks** – Working with systems from different clearance level from a single station is now safe.
- **User proof** - Cannot be circumvented by the "inadvertent insider"
- **Remote point-to-point secure access** - Computer can be physically isolated from user

Physical security protects you in ways that software security cannot.

2 Fibernet's Physical Cybersecurity Solutions

KVM Solutions

Secure access for several computer in a single workstation

Isolators

Restrict signal flow to avoid threats

Smartphone Secure Access

Gain safe access to phones even in the most strict secure environments

Secure Extenders

Expand the reach of signals uncompromising security

Kill Switches

Absolute shutdown of peripherals when not in use

AV over IP Solutions

Experience the versatility of audiovisual systems over the network

Remote Monitoring of Critical Infrastructure

Track system status with an innovative passive fiber solution

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3 Proven Technology

All Fibernet cybersecurity products follow the most strict Israeli Center of Encryption and Information Security regulations and are certified by that unit.

Fibernet cybersecurity products are broad used in the most strict government, defense and finance organizations (among other vertical markets) in Israel and around the world.

4 We can tailor our relationship to meet your needs

Fibernet provides a complete range of shelf products but the company expertise includes also complete customization of features/products for specific security needs.

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