



CASE STUDY FORCA IMPLEMENTS ZYBERSAFE ENCRYPTION TO PROTECT PENSION DATA

When it comes to the safety of customer data, there's no room for error.

So, Forca turned to a Zybersafe solution that protects against cyber threats without a complex roll out or the need for extensive maintenance.

A leading service company in the pension industry in Denmark, Forca's business handles a vast amount of personal and financial data, which makes them a prime target for cyber criminals. To combat this, Forca needs to ensure that its data is secure and encrypted to the highest level.

Ove Jensen, Infrastructure Developer at Forca, explained that they were using another non-hardware based method to encrypt data, but it just didn't meet the standards that they required.

"We tried to use another solution to encrypt our connections but we were not satisfied. Therefore, we looked for other possibilities and that's when we found Zybersafe. It's a Danish company and we operate in Denmark - so we contacted them and found that they had the right product for us."

Plug-And-Play

After discussing the options with Forca, we recommended the Zybersafe Trafficcloak 10G solution for their needs. It's currently the strongest commercial cryptographic technology available and processes 10Gbps Full-Duplex real-time encryption. It features an AES-256 bit algorithm, which works in conjunction with our patent-pending failsafe network security and cryptography key management. It's practically impossible to compromise.

The Zybersafe Trafficcloak 10G is ideal for keeping personal data for hundreds of thousands of customers safe. As Ove explains, for Forca, it was the ideal solution, "The product was perfect as it was simply a case of plug-and-play and that's exactly what we needed. A Zybersafe box takes all the load and has enough power in the CPU to encrypt, so we don't have any performance issues with it like we did with our previous solution.

"The installation took place with two Zybersafe professionals over the course of just two hours. It was a simple process where the product was tested on both ends before ironing out a few little issues that we observed with our existing systems. From that day, it has been running with no issues. And we don't have to do anything."



"Zybersafe were easy to talk to and easy to contact. The product was perfect as it was simply a case of plug-and-play and that's exactly what we needed."

Ove Jensen, Infrastructure Developer at Forca

The Importance of Digital Security

For Forca and its customers, the security of data can't be compromised. A Zybersafe solution is capable of ensuring advanced encryption that protects against hackers, keeping confidential information safe and secure.

"We wanted this solution to guard against specific security risks," Ove explains, "we needed to have it all encrypted. It's especially important as we are a company with personal data for over 600,000 people."

With 81% of large companies reporting cyber security breaches within the last 12 months, it can't be underestimated how important it is to protect and encrypt data. With Zybersafe's secure point-to-point encryption technology and with the Zybersafe Trafficcloak 10G solution in place, Forca now enjoys the strongest possible data protection.

Security

- All hard- and software developed by Zybersafe
- Embedded key management
- Tamper-proof Layer 2 - encryption: complete data-in-motion encryption
- Strongest cryptographic algorithm + integrity check with replay protection

Simplicity

- 1 button press initial setup - "Set-and-Forget"
- No configuration & no software updates
- Integrated key management
- Only one security level

Performance

- Transparent to the payload and network
- Consistent Wire-speed encryption and consistent low latency
- 1, 10 and 100 Gbps encrypted throughout
- Low latency (< 3 microseconds)



Zybersafe Trafficcloak Key Features:

- Strongest commercial cryptographic technology available - AES256-GCM
- Choice of 1, 10 or 100Gbps Full-Duplex real-time encryption speed
- Keys are not user manageable/accessible
- Key generation from HW Random Number Generator
- Authentication and data integrity secured
- Man-in-the-middle and replay protection of transmitted data
- Encryption of unicast, multicast and broadcast traffic
- Network integration without any change of infrastructure (virtual wire)
- No impact on existing redundancy mechanisms
- Designed to comply to FIPS 140-2 L3 and Common Criteria EAL4

With Zybersafe's secure point-to-point encryption technology, Forca now enjoys the strongest possible data protection.