ENABLING A PRIVACY-CONSCIOUS DIGITAL FUTURE

How Certus developed a nationwide portal for safe, secure data erasure

ABOUT CERTUS SOFTWARE

Certus is a leader in data erasure solutions. Our certified software gives enterprises, IT providers and resellers the platform to securely wipe data from electronic devices, in line with the highest standards of security and data protection.

For businesses, Certus Erasure software ensures compliance with GDPR and other international data protection laws, reducing the risk of data breaches and the potential consequences that might occur as a result. However, sometimes the requirement goes beyond individual organizations.

This case study explores how Certus software has been applied to introduce a new, nationwide portal for safe, secure data erasure across an entire country.

ADDRESSING THE DATA PRIVACY CHALLENGE

This Government, like many others, was faced with a common (and growing) challenge around data privacy and data erasure.

Individuals and businesses are using more devices, and more data is being created and stored. Millions of new devices (desktops, laptops, tablets, smart phones, servers and hard drives, for example) enter the market each year and new data protection regulations like GDPR have raised the standard of data privacy.

Resetting a device to its factory settings does not assure users that data has been permanently wiped. Instead, the Government needed a reliable and certified solution to ensure data could be permanently erased from any device across the country.
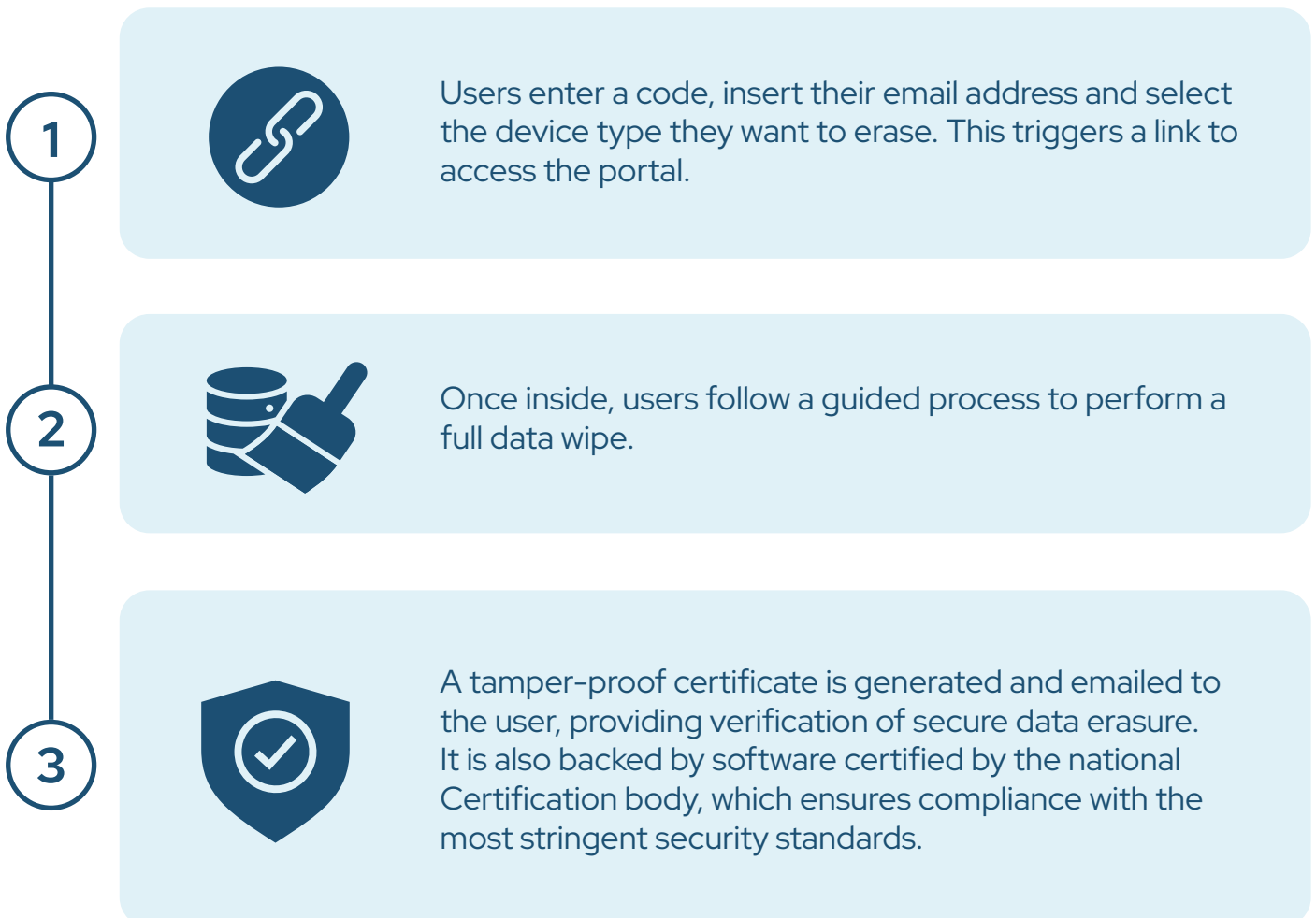
DELIVERING BENEFITS FOR ALL

Certus designed and implemented a portal that allows residents to permanently erase their data at no cost. The system is secure, accessible, easy to use and cloud-based, while meeting the stringent data protection standards needed for data erasure. This includes compliance with the General Data Protection Regulation (GDPR), NIST SP 800-88 Rev. 1, and IEEE 2883:2022.

As well as enhancing public trust in privacy initiatives, the portal ensures devices can also be safely reused and recycled. This supports the circular economy, which is increasingly important on a national and global level to support sustainability goals. It means less electronic waste and a longer lifespan for valuable resources.

HOW IT WORKS

1 Users enter a code, insert their email address and select the device type they want to erase. This triggers a link to access the portal.

2 Once inside, users follow a guided process to perform a full data wipe.

3 A tamper-proof certificate is generated and emailed to the user, providing verification of secure data erasure. It is also backed by software certified by the national Certification body, which ensures compliance with the most stringent security standards.

DELIVERING A SECURE SOLUTION

Certus worked closely with the customer, adopting a collaborative approach to demonstrate how innovative software can address data security challenges and boost trust in large scale privacy initiatives.

The end result is a blueprint for success. It's a scalable and effective solution offering a reliable, easy-to-use method to securely erase data, ensuring verifiable evidence of erasure while meeting both immediate and long-term security needs. Additionally, it supports broader regulatory and environmental goals.

We can use the insights gained to help other countries and industries adopt similar solutions that support the circular economy and foster a sustainable, privacy-conscious digital future.

Our goal is to show organizations how we can build custom applications tailored to their needs, enabling individuals to securely erase their own data, giving them control while ensuring compliance and security.

GET IN TOUCH

For more information, to speak with our team, or to book your free trial visit
www.certus.software

We encourage organizations to get in touch and we'd be more than happy to guide you through the erasure process.

Certus Erasure