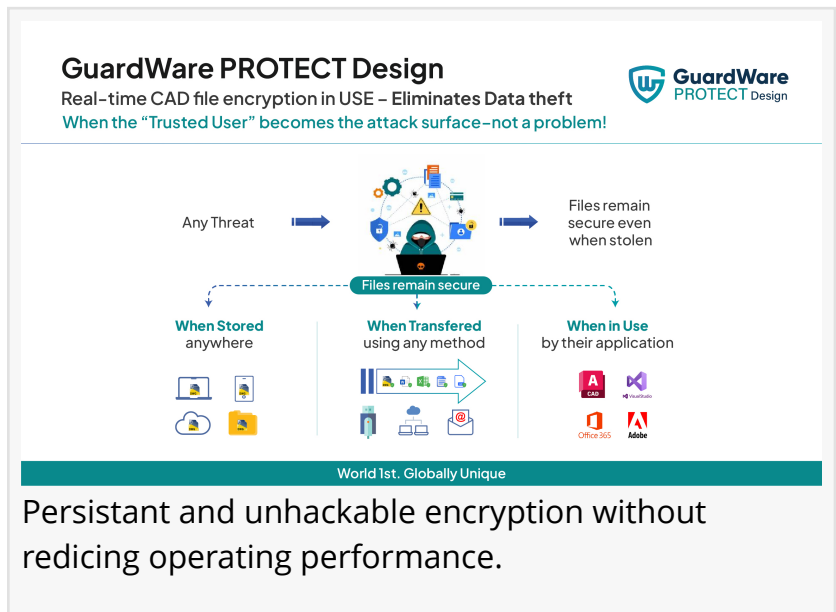# GuardWare launches world-first 'in-use' encryption to secure design IP

PROTECT Design is a revolutionary security solution designed specifically for engineers, designers, and manufacturers protecting intellectual property (IP).

HOPE, DERBYSHIRE, UNITED KINGDOM, October 30, 2025 /EINPresswire.com/ -- GuardWare, the data-centric security software company, today launched [PROTECT Design](#), a revolutionary security solution designed specifically for engineers, designers, and manufacturers to protect valuable intellectual property (IP), such as CAD

Persistant and unhackable encryption without redicing operating performance.

drawings, DWG models, and source code, without slowing down innovation.

Sharing design files with suppliers is essential, but it poses a high risk of IP theft, a problem that traditional security tools often fail to address. The theft of Intellectual Property (IP) from businesses is estimated at £9.2bn per annum, according to the first joint Government and industry report by the Office of Cyber Security & Information Assurance in the Cabinet Office and information intelligence experts Detica.

GuardWare PROTECT Design solves this problem by making security for design data automatic and permanent. Its three most important features for designers and manufacturers are:

Persistent encryption, while in use: In a global first, PROTECT Design ensures that complex files, such as CAD drawings and source code, remain fully encrypted even while open and in use. Whether data is stolen, hacked, or maliciously copied by a trusted insider, it remains unreadable and useless.

Data destruction remote kill switch: Data owners now have the power to instantly revoke access and destroy any design file, regardless of where it has been sent throughout the supply chain. This provides an unprecedented level of control for IP owners, ensuring IP owners maintain

control at all times.

Complete visibility and audit trail: The platform provides IP owners with a complete, non-repudiable audit trail that tracks every action taken on a file. This includes who accessed it, on what device, and when, providing unparalleled visibility and control over sensitive data as it moves through the supply chain.

"For years, attackers have targeted design files precisely because they knew they were the weak link in an organisation's data protection strategy," said Ian McKinley, UK executive director of GuardWare. "Perimeter defences all fail eventually. With PROTECT Design, that vulnerability is eliminated. We've created a solution that makes stolen data unreadable and useless, empowering security teams to protect what truly matters without hindering innovation."

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