

iStorage's datAshur PRO+C & PRO+A Encrypted Flash Drives Obtain FIPS 140-3 Level 3 Validation

iStorage proudly announces that it is the first company worldwide to achieve FIPS 140-3 Level 3 validation for the datAshur PRO+C & PRO+A encrypted flash drives

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EINPresswire.com/ -- The FIPS 140-3

Level 3 validation represents a significant advancement in cryptographic security standards. This level of validation includes stringent requirements for tamper-resistance, cryptographic key management, and physical security. It ensures that cryptographic modules can withstand sophisticated attacks while protecting sensitive data.



Building on the foundation of FIPS 140-2, FIPS 140-3 incorporates several key advancements, including alignment with ISO/IEC 19790:2012, ensuring global interoperability and compliance with international standards. Enhanced physical security measures, such as tamper-evident and tamper-resistant mechanisms, provide stronger defences against physical attacks. The new standard also addresses evolving cybersecurity threats with updated cryptographic algorithms, improved key management practices and protection against side-channel attacks. Additionally, FIPS 140-3 allows for modular testing, offering greater flexibility during validation while maintaining robust security.

Recognised globally, FIPS 140-3 Level 3 is trusted by government agencies, defence contractors, financial institutions and healthcare providers to safeguard highly confidential and classified information. This certification also assures compliance with international regulations and standards, such as GDPR and HIPAA, enabling organisations to meet the highest levels of data protection requirements while future-proofing their cryptographic systems.

Achieving this certification involves rigorous testing under the Cryptographic Module Validation

Program (CMVP), a process jointly managed by the U.S. National Institute of Standards and Technology (NIST) and the Canadian Centre for Cyber Security (CCCS). These enhancements reflect the datAshur PRO+C and PRO+A's ability to meet the most demanding security expectations, setting a new benchmark for encrypted USB flash drives worldwide.

The [iStorage](#) datAshur PRO+C distinguishes itself as the world's only flash drive to receive this level of certification. This achievement underscores the advanced security features of the device, which deliver the highest levels of data protection and encryption while meeting the latest U.S. government compliance standards for cryptographic modules.

You can find the [FIPS 140-3 Level 3 Certificate #4918](#) here.

John Michael, CEO of iStorage/[Kanguru](#), commented:

"Achieving FIPS 140-3 Level 3 validation for the datAshur PRO+C and PRO+A adds tremendous credibility to the iStorage/Kanguru brand. This milestone underscores our commitment to providing the most secure data storage solutions for the U.S. government, corporations and organisations worldwide."

This announcement follows iStorage's recent partnership with CAST, a group with the mission to unite like-minded entrepreneurial companies within data protection, storage, servers and reliable communication. As cyber threats become increasingly complex, the combined capabilities of iStorage, Kanguru, and CAST will continue to provide robust protection for sensitive data worldwide. This latest news marks a significant milestone in iStorage and Kanguru's shared mission to provide cutting-edge, user-friendly, hardware-encrypted data storage solutions worldwide, and demonstrates the highest standards of encryption that the group are known for.

The datAshur PRO+C is available for purchase on both the iStorage and Kanguru websites as well as numerous channel partners. Visit our websites to learn more about how the datAshur PRO+C can help protect your valuable data.

For further information, please contact:

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Request a free 30-day evaluation from the iStorage | Kanguru product range:
<https://istorage-uk.com/request-a-free-evaluation/>

About:

iStorage | Kanguru is a global leader in government-validated, PIN-authenticated, hardware-encrypted data storage and cloud encryption solutions, delivering cutting-edge data security solutions to governments and corporations worldwide. With a comprehensive portfolio that includes secure data storage, remote management, and data duplication products, iStorage | Kanguru upholds military-grade encryption standards and compliance with key regulations, such as GDPR, HIPAA, and SOX. Trusted globally, iStorage | Kanguru is committed to making advanced encryption solutions accessible, setting new benchmarks in data protection and security across industries.

Learn more at: www.istorage-uk.com or www.kanguru.com

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