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The SafeNet Luna HSM from Thales is a network attached Hardware Security Module (HSM) designed for high performance non-payments cryptographic processing, message authentication, comprehensive key management, and general-purpose cryptographic processing. Description Additional information Reviews (0) Luna A Series: Password Authentication for easy management. Secure your sensitive data and critical applications by storing, protecting and managing your cryptographic keys in Thales Luna Network Hardware Security Modules (HSMs) - high-assurance, tamper-resistant, network-attached appliances offering market leading performance. Strong security - keys remain in hardware The ultimate level of protection is afforded to sensitive cryptographic processing that often operates within the less secure environment of servers. SafeNet HSM is FIPS 140-2 Level 3-validated, and features tamper-protected security that safeguards against physical attacks on the HSM to obtain sensitive information. Upon detection of a physical attack, the internal key storage memory is completely erased. Further, cryptographic keys are never exposed outside the HSM in clear form. Secure storage and processing offers customers a level of security unavailable from software alternatives, while providing a certified level of confidentiality and integrity that meets customer expectations and the security demands of financial organizations. Extensive APIs/toolkits and customization A wide range of application programming interfaces (APIs) are available to assist in adherence of the cryptographic application to industry security standards and platform environments. This includes the broadest suite of PKCS#11 function sets available on the market, a Java JCA/JCE, JCProw, and Microsoft CryptoAPI/ CNG provider implementation, and seamless integration with Open SSL. The software development kit allows an unsurpassed level of flexibility and extensibility—providing the ability to produce custom cryptographic applications – including completely new algorithms— and securely downloaded and executed within the protected confines of the HSM. Easy management The intuitive graphic user interface (GUI) simplifies HSM device administration and key management using easy-to-understand navigation and user interaction. Urgent and time-critical management tasks—such as key modification, addition, and deletion—can be securely performed from remote locations, reducing management costs and response times. Flexible programming SafeNet ProtectorServer HSMs offer a unique level of flexibility for application developers to create their own firmware and execute it within the secure confines of the HSM. Known as functionality modules, the toolkits provide a comprehensive facility to develop and deploy custom firmware. A full-featured software emulator rounds out the flexible development tools, enabling developers to test and debug custom firmware from the convenience of a desktop computer. This emulator also serves as an invaluable tool to test applications without the need to install a SafeNet ProtectorServer HSM. When ready, a developer simply installs the HSM and redirects communication to the hardware. No software changes are necessary. Convenience Smart cards provide the highest security and administrative convenience for secure backup, recovery, and transfer of cryptographic keys. Upgrades can be cost-effectively performed at the infield location, avoiding the expense of returning the product to the service location. Multiple slots SafeNet ProtectorServer PCIe HSM supports multiple cryptographic key storage slots. Storage slots function similarly to a smart card reader with multiple card slots, but without the need for a physical card reader. These virtual slots are effectively secure folders for keys, with each folder secured by a unique user and security officer password. This allows a single ProtectorServer HSM to be used by multiple applications, for greater cost savings and flexibility. Contact us to learn how you can integrate Luna Network HSMs into a wide range of applications to accelerate

cryptographic operations, secure the crypto key life cycle, and provide a root of trust for your entire encryption infrastructure. We use some essential cookies to make this service work. We'd also like to use analytics cookies so we can understand how you use the service and make improvements. Public pricing for our growing range of market-leading Thales Data Security solutions, including Luna HSM, CipherTrust Data Security Platform and SafeShield HSM, is now available online. For those services that offer more than one plan, the pricing states include the basic plan. For partner services, please contact the relevant partners. Please note that our public pricing is currently displayed in Euros only, other currencies are to follow later. Thales continues to offer DPO services in a range of currencies. Billing and quoting can be completed in your preferred currency. Simply contact us, and we will provide you with a customized quote for your specific needs and location.Billing OptionsAs a reminder, DPO offers flexible billing plans to meet your specific data protection needs. Choose from Full Upfront, Annual Upfront and Monthly Arrears billing when quoting DPO options. Secure sensitive data and critical applications by storing, protecting and managing cryptographic keys in Thales Luna PCIe HSMs- high-assurance, tamper-resistant PCIe cards. Provide applications with dedicated access to a purpose-built, high-performance cryptographic processor. Quickly embed this cost-efficient solution directly into servers and security appliances for FIPS 140-2 validated assurance. Description Additional information Reviews (0) SafeNet Luna PCIe Hardware Security Modules (HSMs) can be embedded directly in an appliance or application server for an easy-to-integrate and cost-efficient solution for cryptographic acceleration and security. French multinational company Thales S.A. Company typePublicTraded asEuronext Paris: HOCA20 40 componentISINFR0000121329IndustryAerospaceDefenseElectronicsCybersecurityPrecognessorThomson-CSFFounded December 2000; 24 years ago (2000-12-06)HeadquartersParis, FranceArea servedWorldwideKey peoplePatrice Caine (chairman and CEO)ProductsTactical radars, remote controlled weapon stations, radars, infantry mobility vehicles, aerospace electronics, aeronauticsRevenue €20.57 billion[1] (2024)Operating income €1.69 billion[1] (2024)Net income €1.41 billion[1] (2024)Total assets €39.98 billion[1] (2024)Total equity €7.55 billion[1] (2024)Number of employees63,000[1] (2024)DivisionsThales OptronicsSubsidiariesOEMServices[2]Thales Defense & SecurityThales Air DefenceThales Underwater SystemsThales ServicesThales NederlandThales AustraliaThales JapanThales Training & SimulationThales Alenia SpaceThales Electronics SystemsGmbHHeadsoftoolsVormetricThalesgroup.com Thales S.A., trading as Thales Group (French pronunciation: [talɛs]) is a French multinational manufacturer of aerospace and defence equipment in electronics. 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The new company would now market Samsung Electronics' defense communication equipment, satellite communication systems and terminals, fire control systems, radar guidance equipment including detection and tracking devices, and gunner's sights; and would begin overseas exports through Thomson's sales network.[11][12] Samsung stated that the two parent companies also intended to combine their respective areas of competitive advantage to jointly develop and sell next-generation products.[13] In June 2001, Thales formed ThalesRaytheonSystems, an equal-ownership joint venture with Raytheon combining their radar and communication systems divisions. It was restructured in 2016 to sell exclusively to NATO agencies and member states.[14] In 2002, Thales set up the joint venture company Armaris with the French shipbuilder DCN to offer a total "bottom up" shipbuilding capability. Also in 2002, Thales Broadcast Multimedia, a former subsidiary of Thales, provided China with standard short-wave radio-broadcasting equipment designed for general public radio broadcasting. Though the contract was not for this purpose, it later appeared that China used these ALLISS antennas for jamming foreign radio broadcasts to China. In 2013, Thales UK's design won the competition for the Royal Navy Future Carrier (CVF), and the company now participates in an alliance company with BAE Systems and the United Kingdom's Ministry of Defence. Thales Navigation, a division that produced satellite navigation units, was sold to private equity group Shah Capital Partners in 2006 for \$170 million and renamed Magellan.[15][16] In 2006, Thales acquired Australian Defence Industries, a major manufacturer of military equipment such as smokeless gunpowder and the Bushmaster IMV. In April 2006, Thales announced it would acquire Alcatel's space business (67% of Alcatel Alenia Space and 33% of Telespazio) and Alcatel's Rail Signalling Solutions division, in a deal which raised Alcatel's ownership of Thales to 21.66 percent. The French government would also decrease its ownership in Thales to 27.1 percent from 31.3 percent as part of the acquisition.[17] The deal would also include the Systems Integration activities (those not dedicated to telecoms operators, and covering mainly the transport and energy sectors). In January 2007, the 1.7 billion Euro deal (\$2.24 billion) was approved.[18] In 2008, Thales acquired British hardware security module vendor nCipher.[19] In December 2008, Alcatel agreed to sell a 20.8% stake in French engineering group Thales SA to Japan's Groupement électronique spacebus Alenia Space. The company's design won the competition for the Royal Navy Future Carrier (CVF). 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