



NETWORK PRIVACY AND INFORMATION ASSURANCE

- Confidentiality
- Information Integrity
- Information Assurance
- Authentication
- Data Availability



**Thales e-Security - a Global Capability
in Network Security**

THALES e-SECURITY – a global capability in network security

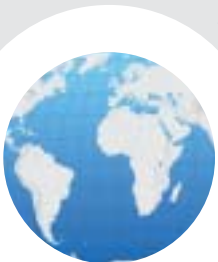


For any organisation, whether public or private sector, network security is of fundamental importance. However, the issue goes much deeper than simple security alone.

Preserving the confidentiality of information in transit is only the most visible element. There's also protecting and assuring the integrity of that information, proving its authenticity, and finally, guaranteeing its availability.

The challenge is hard enough in the relatively safe environment of private local and wide area networks. Introduce public networks, VPNs or the Internet and it becomes orders of magnitude more difficult. Then factor in keeping pace with changing network protocols and technologies and it gets even harder.

Thales e-Security developed and installed the security in a satellite and land based private network for a large US government agency. State of the art technology was supplied in the form of Datacryptor™ 2000 Link, 600 units of which are already in use by the agency around the world. The solution utilised FIPS 140-1 levels 3 and 4 validated products and provided network security for 80 field offices around the world.



World class network security can only come from a world class supplier.

Thales e-Security is the leader in trusted network security solutions. That's why many of the world's governments, large corporations and financial institutions rely on us to safeguard their networks.

Our customers know our standards-based technologies are among the most robust and secure available. They appreciate the international breadth of our capabilities and availability. They value the way our solutions are future proofed to protect security investments, and Thales e-Security's proven experience. Above all they are reassured by the confidentiality and integrity that we bring to their information.

Safeguarding Information

- Wherever critical infrastructures and data need protecting.
- Wherever the very highest standards of security have to combine with maximum flexibility.
- Wherever the privacy, authenticity and integrity of transactions and information is critical.
- Wherever valuable information such as state secrets, personal data or sums of money are being moved.

Thales e-Security is the natural partner of choice – delivering everything from packaged solutions through to complete, turnkey custom security projects.

Offering experience in protecting and assuring critical data for public and private sectors, across both defence and commercial environments, means we understand how to make security work, seamlessly, for any organisation.



Innovation and Standards

Pioneering soft-loadable encryption technology, Thales e-Security has grown to become a world authority in flexible cryptography. Whatever the level of security, from Sensitive but Unclassified right through to TOP SECRET. Regardless of algorithm, from 3DES, AES Rijndael, and DSA to designated government national algorithms, Thales e-Security delivers cost-effective solutions that evolve as needs change. All with a reduced cost of ownership and the safeguard of protecting capital investment.

Through our dual technologies program we're taking security technologies originally developed for defence and applying them in the commercial sector too. Yet another example of our innovative thinking is the move to offer commercial off the shelf (COTS) technologies over an increasing range of security classifications, so maximising users' investments.



We're also engineering solutions for the most demanding applications under our unique high assurance commercial off-the-shelf (HACOTS) initiative, combining high assurance security with all the attendant benefits of commercial solutions.

The leading Australian banks, and a number of major banks in the Middle East all selected the Datacryptor 2000 because of its flexibility in communications and ability to be upgraded to use AES in the future.



Our product, solution and skills portfolio embraces everything from smart cards and high assurance communications encryptors through to remote access devices and cryptographic algorithms, together with their ongoing management and support. It is a range unmatched in the industry.

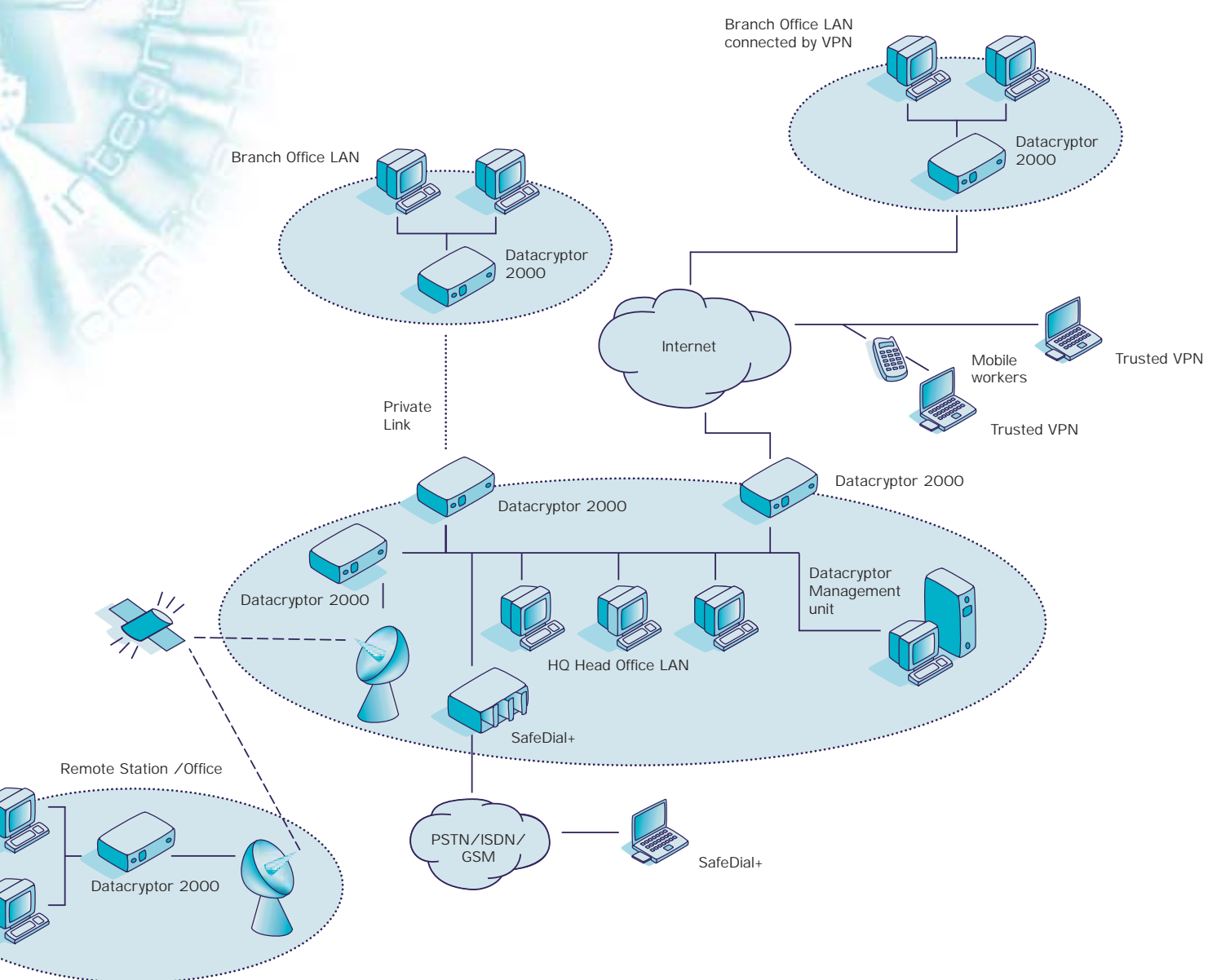
NATO selected the TCE 621 Cryptel-IP® Crypto device to establish highly secure VPN solutions and to provide end-to-end protection of communications between hosts.



Our track record of more than 50 years in cryptography and comprehensive security solutions – including protecting the information resources of over 20 national governments – together with our work on the global stage in setting security standards, further underscores our leadership position.

The backing of the global €10 billion Thales group assures continuing investment in developing advanced security solutions, not just for today's information security threats but tomorrow's too.





Developed to commercial standards such as ANSI, our products are also evaluated to the highest external standards by recognised bodies including NIST and UK CESG. To date some of these approvals include UK CAPS, FIPS 140-1 levels 3 and 4 and NATO, with Common Criteria evaluations underway. It is further proof of our ability to meet the worlds toughest security demands.



Securing Any Network



With remote working commonplace even in mission critical environments, the information security threat is growing exponentially.

Thales e-Security is meeting that challenge head on with solutions geared to contemporary business practices, protecting LANs, WANs and open networks like the Internet.

Whatever the network foundation, be it IP, ATM, leased line, frame relay, wireless GSM, X.25, dial up or any combination thereof there's a Thales e-Security solution dedicated to preserving the confidentiality and integrity of information while making it readily available to authorised users.

Our evolving portfolio includes the Datacryptor 2000, regarded throughout the world as the standard for high speed, any protocol network encryption. Factory fitted with the Triple DES algorithm but readily upgradable to other encryption and protocol schemes, it delivers all the flexibility of software configuration with the performance and security of a hardware encryption engine.

Operating at speeds up to 100Mbit/s for IP, Datacryptor 2000 and Mistral guard against infiltration or attack by employing advanced key management to the highest government and commercial standards.

And for the remote networking space the unique SafeDial™+ and Trusted VPN™ PC encryptor cards for laptops, notebooks and servers bring new levels of trust and security to dial-up connections, VPNs and the Internet.

With GSM, ISDN and V.90 connectivity, Safedial+ is approved by CESG for protecting UK Government Baseline, Enhanced Grade and in certain circumstances Secret traffic. Trusted VPN meets military, healthcare and other network security needs where ADSL, ISDN, GSM, GPRS and UMTS connections are used. Approvals will soon include a Restricted information classification from the Norwegian Security Agency and UK CESG.

As one of the main suppliers of network security to the French Government, finance and corporate industries, Thales e-Security offers Mistral, to protect networks against attacks and unauthorised disclosure of information.





Worldwide Strength

Thales e-Security backs up its hardware solutions with an extensive range of professional services, all delivered by a team with significant experience of working with governments and major corporate organisations.

From bases in the UK, US, Hong Kong, France and Norway, together with a presence through business partners in another 80 territories, the company offers local design, integration, project management and support for its national and international network security solutions.

For a truly global capability in network security that grows with your organisation and with changing network technologies visit <http://www.thales-esecurity.com>



THALES

EUROPE, MIDDLE EAST, AFRICA
THALES e-SECURITY LTD.
Meadow View House
Long Crendon, Aylesbury
Buckinghamshire, HP18 9EQ, UK
Tel: +44 (0)1844 201800
Fax: +44 (0)1844 208550
e-mail: emea.sales@thales-esecurity.com

AMERICAS
THALES e-SECURITY, INC.
2200 N. Commerce Parkway
Suite 200
Weston, Florida 33326, USA
Tel: +1 888 744 4976
or: +1 954 888 6200
Fax: +1 954 888 6211
e-mail: americas.sales@thales-esecurity.com

ASIA PACIFIC
THALES e-SECURITY (ASIA) LTD.
Asia Pacific
Units 2205-06, 22/F Vicwood Plaza,
199 Des Voeux Road
Central, Hong Kong, PRC
Tel: +852 2815 8633
Fax: +852 2815 8141
e-mail: asia.sales@thales-esecurity.com

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