



Security by design

Designed specifically for the protection of critical networks and data assets, defending against modern cyber attacks.

Iguana
security



Security by design...



One step ahead of the cyber risk

IGUANA Security is part of UK-based L3 TRL Technology (L3 TRL), which designs, develops and delivers advanced electronic systems for the protection of people, infrastructure and assets. IGUANA Security is a new brand of solutions developed specifically for the protection of commercial organisations with high value assets, and Critical National Infrastructure (CNI).

Our highly skilled team apply in-depth market knowledge and technical expertise in order to understand this ever-changing marketplace as well as our customers' complex requirements.

Having built up an extensive pool of skills and talent, we're able to provide a comprehensive core of capabilities for our customers. We appreciate the importance of tailoring solutions to meet the specific requirements of each customer, in order to provide support throughout the life of the requirement and onwards.

As part of the leading US defence supplier L3, we are resourced to anticipate and support our customers' evolving needs, staying one step ahead of the threat in a changing environment. Our flexibility comes largely from the fact that we have retained the ethos of a smaller company, where customer and industry relationships are paramount.

Our open culture is reflected in our awareness of corporate responsibility in all its aspects, from financial compliance and business ethics, to environmental affairs and product integrity.

It costs the average company over \$1.6 million to financially resolve the effects of a single cyber attack.*



Fail-safe hardware protection from cyber threats.

Cyber attacks are increasing in both frequency and sophistication. Firewalls and other traditional methods of securing your infrastructure and sensitive assets are no longer adequate. The complexity of the current climate, coupled with the dynamic nature of the information environment, demands an adaptable and integrated approach.

We are able to stay one step ahead of the threat in a changing and dynamic environment, allowing customers to rely on our depth of knowledge in providing consistently cutting-edge solutions.

Critical National Infrastructure (CNI)

A nation's infrastructure is made up of facilities, systems, sites and networks necessary for the functioning of the country and the delivery of the essential services which daily life depends upon.

In recent years international terrorism and espionage has been the prevailing threat, but the increase of state-sponsored attacks on a nation's infrastructure is on the increase. Cyber security spans a broad range of issues related to national security, whether through terrorism, crime, industrial espionage or state-sponsored attacks. Cyber-crime, whether relating to theft, hacking or denial of service (DoS) to vital systems, has become a fact of life.

Implementation of security solutions in a multitude of sectors from energy, water and transport to financial services, communications, health and emergency services helps to protect critical networks and data assets against the increase in modern cyber attack.

By leveraging the experience gained through the development of L3 TRL's award winning Government

Grade encryption solutions that protect information up to Secret and Top Secret from the threat of interception, we're able to provide hardware solutions to safeguard critical infrastructure.

IGUANA Security Solutions

As the reliance on our critical networks grows, so too does the frequency and complexity of cyber attacks against them. This increasing complexity means that traditional methods of securing infrastructure and sensitive assets are no longer adequate and a more robust, future-proof line of defence is required to combat the evolving nature of cyber attacks. The IGUANA Security family of solutions has been specifically designed for the protection of these critical networks and data assets.

Network and infrastructure assets exposures are being increasingly subject to exclusion from standard insurance policies. IGUANA Security's solutions can play a key part in supporting businesses to mitigate against this risk by providing a higher level of protection.

Cyber security breaches cost the UK economy around £27 billion per year.*



*www.gov.uk



Specifically designed for
the protection of critical
networks and data assets.

The growing global communication network has revolutionised the way businesses operate, allowing instantaneous transfer of information. Whilst the commercial world has driven forward rapid advances in Information Technology (IT), the security needed to protect our information and nations' Operational Technology (OT) has been unable to deliver to the same level.

Emerging as the most important battleground of the information age, networks are being frequently and aggressively attacked by anyone from state-sponsored terrorists to potential hacktivists. A more sophisticated solution is required, one which anticipates threats and adapts appropriately.

Protecting critical networks and data assets against modern cyber attacks.

IGUANABlue - Data Guard

IGUANABlue is a Data Guard providing resilient hardware enforced security for Industrial Control Systems (ICS). It focuses on the OT aspects of ICS as opposed to traditional IT centric approaches to security.

Addressing the need to incorporate cyber security into ICS implementations, IGUANABlue assures high availability of those systems during a time when malicious cyber activity is vastly increasing in volume and sophistication.

IGUANABlue mitigates the inherent vulnerabilities of existing ICS protocols, by providing robust and long-term protection to ensure high operational availability.

Core to IGUANABlue is a high integrity hardware architecture that doesn't rely on a single firewall, run on a single processor or use a single set of software. Its unique 'transshipment' approach even protects from previously unseen zero-day attacks.

By acting as the network attack surface, IGUANABlue protects the Programmable Logic Controller (PLC) from the cyber threat therefore eliminating the need for costly PLC patching outside of planned downtime.

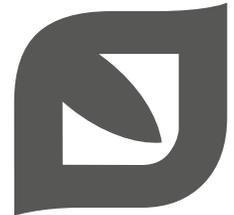
It is created with flexible, future looking architecture, raising the bar of cyber security at multiple levels in the network.

IGUANAGreen - Encryption

IGUANAGreen is based on L3 TRL's advanced Government Grade hardware encryption solution CATAPAN, making it the most sophisticated solution of its kind for protecting and securing networks.

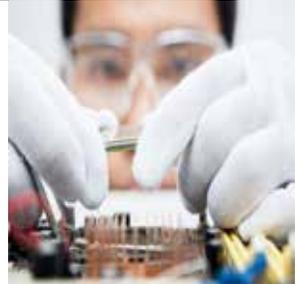
With an increase in the use of public IP networks comes an inevitable escalation in the risk of cyber attack. The frequency, severity and complexity of these attacks is on the rise and multiple variants of both systems, and information, is being targeted. In order to keep pace with evolving threats, businesses need to deploy a security strategy which not only protects the integrity and confidentiality of their data today, but also mitigates evolving threats in the future.

IGUANAGreen offers an interoperable solution that can be used to create a secure communications network.



Assuring the confidentiality, integrity and availability of your sensitive data.





Our provenance in innovation and product excellence.

The skill behind the innovation and product excellence of the IGUANA solutions can be attributed to L3 TRL's beginnings as a technology company. Originally focussed on externally funded research and development activities, since 1983 L3 TRL has worked closely with government and security agencies on specialised, secure projects.

Customers can trust in our team's depth of knowledge to provide consistently cutting-edge solutions.

Award-winning products

The Queen's Award is a programme for British businesses and other organisations who excel at international trade, innovation or sustainable development. They are the highest official UK awards for British businesses.

L3 TRL Technology has received this accolade on three separate occasions. One of which was Outstanding Innovation received for the Government Grade encryption solution CATAPAN, the most advanced device of its kind in the UK that protects and secures highly classified networks, on which IGUANAGreen is based upon.

Research and development

IGUANA Security is a company with roots firmly in R&D. Our products are innovative, cutting-edge and at the very forefront of Cyber Security development. We provide in-house development across all related disciplines and it is this technical capability combined with analysis which affords a genuine technical understanding of threats as they emerge.

Quality and assurance

Quality assurance and continuous improvement is at the heart of all L3 TRL and IGUANA Security activity which has resulted in a strong quality record with customers. We have a number of accreditations and management systems in place including ISO 9001 – Quality Management System, ISO14001 – Environmental Management System, OHSAS 18001 Health & Safety Management System and ISO 27001 – Information Security Management System.



Training and consultancy

We run training courses that provide customers with the essential skills and technical knowledge to fully utilise the functionality of our equipment in a variety of tactical and strategic scenarios to optimise effectiveness. We also offer information and advice on how to fully maximise our solutions, including platform integration, field testing and the interpretation of data.

Through-life support

To ensure our customers gain the most from our solutions, we offer support from the first point of contact and through the life of the requirement. From the outset we can provide advice on requirements and how best these can be met, optimal solutions and how they can be implemented and above all else, we address the issue of affordability. The most effective solution to meet individual needs and operational requirements will be offered with a view to achieving lower total cost of ownership for the customer.



How we work to stay one step ahead.

Acting with Integrity

Our expertise is critical to safeguarding people, environments and assets, so we share a strong sense of purpose and of doing the right thing. We stand by the values that define us; we are honest, principled and earn trust by delivering on our promises and expecting the highest standards from ourselves and our colleagues. Remaining one step ahead while acting with integrity requires a sense of pride, resolve and ethical behaviour.

Delivering Excellence

We pursue exceptional quality in all we do, applying technical superiority to exceed standards and achieve 'best of breed' performance to become leaders in our field and a supplier/partner of choice. Delivering excellence requires us to be inventive, diligent and smart.

Working in Partnership

Between ourselves, our partners and our customers, we achieve more and succeed faster through collaboration and joint endeavour. Whether in joint development, customer-funded research, providing in-country support, operating Integrated Project Teams or delivering training, support and consultancy, we work best when we work together.

Respecting People

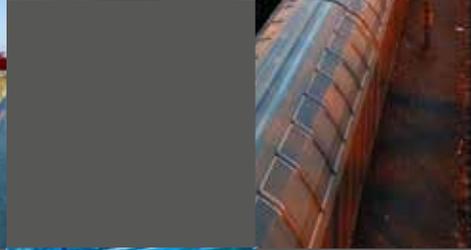
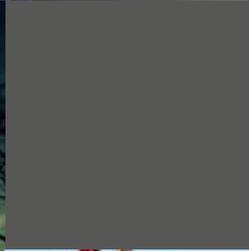
Within the company we encourage diversity and tolerance, valuing the contribution and ideas that spring from people with a range of views and opinions. We listen, encourage openness and treat people as we ourselves would want to be treated, helping everybody to maintain a healthy work/life balance. In our dealings with partners and customers we extend the same respect, responding appropriately to different cultures and working practices.

Focussed on the Future

Our Mission is to combat evolving and emerging threats. The adversary doesn't stand still, so neither can we. By investing in innovation, research, development and the skills of all our people we can anticipate market needs and remain one step ahead. Looking ahead also informs our role in the community and the wider world, so we act as good corporate citizens, promote social responsibility and do all we can to be a more sustainable resource.



The USA loses \$100 billion annually as a result of cyber crime.*



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L3 TRL reserves the right to amend specifications in the light of continuing development.
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