IDE GROUP PACT
Protection Against Cyber Threats

Comprehensive cyber-security protection for your business delivered as a managed service by a highly experienced and effective provider.

YOUR CHALLENGE

You'd much rather develop your business than expend your resources trying to keep up with the global cyber security arms race. In-house IT resources can quickly fatigue under the quantity and volume of data they now need to analyse to spot threats. Action taken with imperfect intelligence is unlikely to provide the protection you need.

WHAT WE DO

IDE Group PACT, our cyber-security business unit, can monitor and protect your entire infrastructure, from the data centre core to the end user and within the cloud. Our Security Operations Centre (SOC) combines dedicated security expertise with an advanced Security Information and Event Management (SIEM) solution linked to the IT logs generated by your infrastructure. Through this, even the most sophisticated attacks can be identified and intelligence provided to you and IDE Group technicians who can take rapid mitigating action.

This central intelligence engine, combined with our ability to take action and a comprehensive range of preventative technology solutions, including DDOS and endpoint protection, provides peace of mind that your business is comprehensively protected.

HOW IT WORKS

PACT was developed in response to increasing awareness of cyber-security threats and demand for comprehensive protection from a single provider. It combines IDE Group's proven managed services expertise, specialist security staff and new, disruptive security solutions that are delivered or managed in the Cloud.

REACH HIGHER

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Comprehensive protection against cyber threats

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Complete security intelligence

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Effective action from a fully resourced service

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Highly scalable, flexible and cost effective

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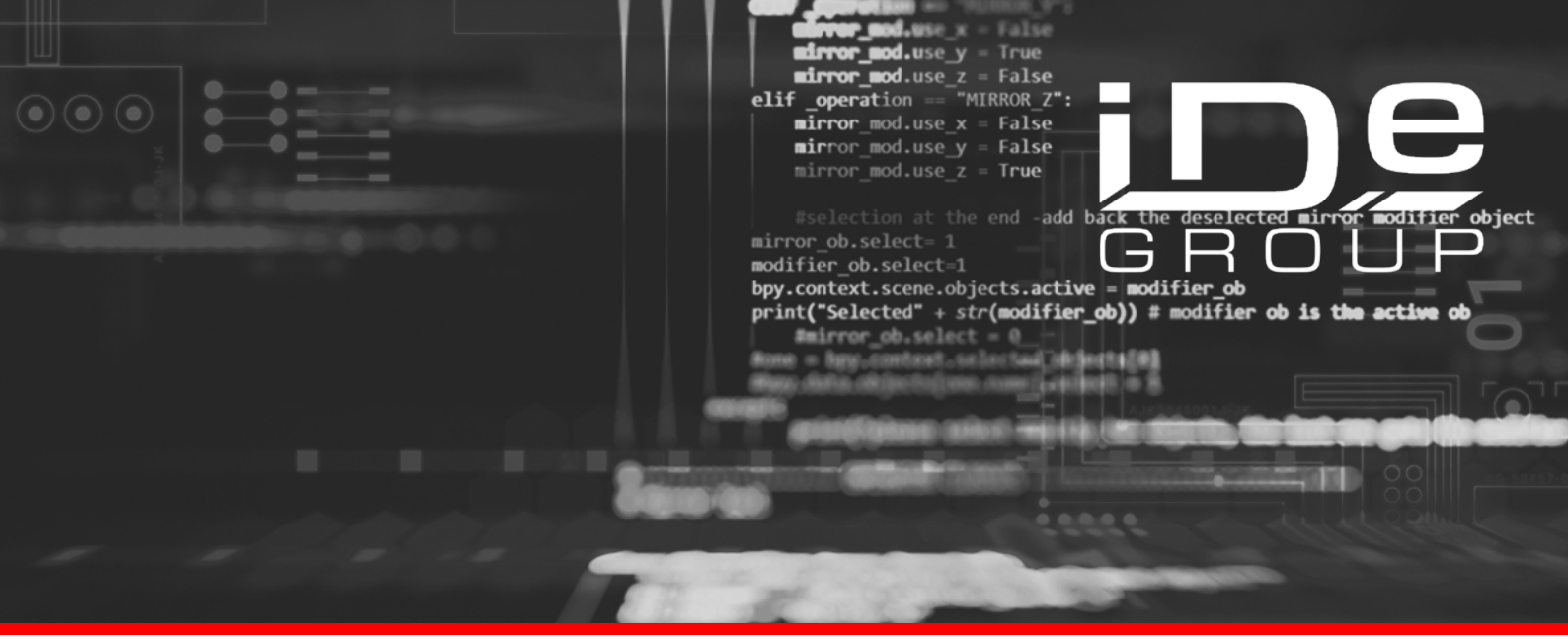
To find out more about
IDE Group PACT call **0344 874 2020**
or visit **idegroup.com/services/cyber-security**



IDE GROUP Security Operations Centre

Ability to detect complex threats among high volume data

Intelligence required to manage risks effectively

IDE Group's Security Operations Centre (SOC) consists of a team of IT security specialists providing 24/7 oversight of the logs and alerts generated by IT infrastructure. The SOC, with its central intelligence tooling, generates incident reports, threat intelligence and advice that can be acted upon to manage risk effectively.

Security threats are increasingly sophisticated, often using multiple approaches to disguise the attack. By routing all IT logs and alerts into one team, specialist security expertise is applied across all relevant information in real-time, increasing success in identifying complex threats.

IDE Group's SOC generates risk score reports indicating the likelihood of suspicious activity being a threat. Reports are communicated to security managers with a priority set in relation to the level of risk involved so that appropriate action can be taken.

SOC reports are needed to comply with industry regulations such as GDPR, SOX, PCI and Basel II, as well as to comply with ISO standards. However, the intelligence it provides can move customers beyond compliance and support proactive security management strategies.

IDE GROUP Managed Security Information And Event Management

Transforms disassociated data into security information

SaaS model to rapidly provision solution at the scale required

Cost effective compliance and proactive security management

Data generated by IT logs and alerts can come at companies from all directions, making it hard to see the big picture and identify trends. Security Information and Event Management (SIEM) aggregates IT logs within a system of procedures and personnel to transform potentially vast quantities of disassociated data into useful security information.

IDE Group provides SIEM as software-as-a-service, which means an organisation can licence exactly the right size SIEM for them and scale the service cost-effectively. Implementation is also very quick, with most infrastructure covered within days and even the most complex roll outs taking no more than two months.

The aggregation of IT logs into security reports supports hard-pressed IT teams to more quickly understand and mitigate the security threats their organisations face.

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IDE GROUP ADVANCED THREAT PROTECTION

Visualise exposure of network to risks

Prioritise remediation to where it makes most impact

Advanced protection with minimum disruption

It's very difficult for organisations to understand the web of emerging threats and reconcile them to the points within large, complex IT infrastructures that they may target. Prioritising remediation to best utilise technical resource while minimising disruption depends on that knowledge being robust.

IDE Group Advanced Threat Protection (ATP) gives customers advanced network security analysis, quickly and without relying on expensive specialist consultants and architects. Going well beyond the reporting needs of compliance, it focusses remediation efforts to where most impact will be made.

IDE Group ATP solution arms security leaders with pre-emptive visualisation of IT infrastructure and its exposure to security risks. It determines the potential severity of the risks and suggests a prioritised list of remediation tactics that optimise utilisation of technical resources and minimise business disruption.

IDE Group ATP utilises advanced and highly accurate network modelling, which is unique in its breadth and depth. It performs continual, scan-less vulnerability detection through inference, taking existing vulnerability information and establishing relevancy through the context of the network, assets and the associated risk exposure.

Given basic change information, IDE Group ATP automatically derives objects that need creating and devices that need touching by an engineer, removing much of the hassle out of change research and risk assessments.

By providing a consolidated list of approved and pending changes, and automatically reconciling them by analysing the before/after device configuration, IDE Group ATP enables administrators and engineers to spend less time managing tickets and more time making required changes.

DDOS Protection

Protection against all attack types

Hugely scalable to cope with any volume

Emergency mitigation while under attack

Businesses are moving ever more services to the data centre or the cloud, making them highly dependent on network availability. One of the greatest threats to service uptime are Distributed Denial of Service (DDoS) attacks.

IDE Group has deployed the A10 Networks Thunder TPS, into the fabric of our network. A10 TPS provides high-performance, network-wide protection from DDoS attacks, maintaining service availability against a variety of volumetric, protocol, resource, and other sophisticated application attacks.

› Largest hosted DDoS protection service in the UK

› Protection against volumetric, protocol and application layer attacks

› 24/7/365 monitoring and protection against DDoS

IDE Group's carrier grade DDOS protection is designed to detect and alert suspicious activity in our network, as well as mitigate its impact. All IDE Group customers with equipment and services deployed 'On-net' can add 24×7×365 DDoS monitoring and analysis.

High-speed detection and forensic analysis software analyses all IDE Group network traffic. When any system starts behaving unusually, IDE Group's Network Operations Centre and the A10 TPS platform are alerted. The A10 TPS solution then mitigates the effects of DDoS attacks by redirecting traffic.

The solution supports a huge set of features to validate, block or rate-limit the traffic entering our network. Service availability is maintained whatever attack type is employed, volumetric, protocol, resource or even application-level attacks. DDoS traffic is routed through the A10 TPS platform and 'scrubbed', to remove the malicious traffic. Clean traffic is then delivered, ensuring that your service is not impacted in any way.

› Entire IDE Group network monitored

› Multi-vector application and network protection

› Deep packet inspection for rapid response

› Clean port and DDoS protected IP Transit options

› Manages attacks in excess of 100Gbps

› Capacity to add nodes as traffic increases

Endpoint Security

Market leading, next generation solution

Cost competitive licences to cover all device types

Sophisticated reporting for advanced insight and security management

Many organisations have invested in big-name endpoint security, only to find them lacking when a major new attack is launched. IDE Group provides customers with the best in a new generation of endpoint protection, a solution that stops known and new threats before they launch.

As well as a full suite of industry leading anti-virus, firewall, HIDS/HIP and ATP protection, our solution puts forensics and behavioural analytics on the endpoint. The solution monitors the endpoint's status and analyses behaviour in real time to provide astonishingly sophisticated reports, as well as machine-speed automated risk mitigation and remediation. This allows users to detect and prevent threats at previously unachievable rates. It also provides the ability to roll back individual file changes following an infection.

This advanced, risk-based insight can be delivered to IDE Group's security specialists who are then enabled to communicate what is happening to customers, as soon as it happens, as well as provide timely advice that can be acted on for effective threat management and risk mitigation.

Our endpoint security solution covers all devices, including mobile phones, and is licenced on a cost-competitive, highly scalable, per device basis. It can be brought to stand-alone or as a component within a broader security management and device lifecycle management solution.

HOW TO BUY

While IDE Group PACT offers comprehensive protection, much of the service, including its component solutions, can be activated very quickly. To find out how IDE Group can protect your business, please contact us today to arrange an initial meeting.

IDE GROUP

REACH HIGHER

IDE Group offers a large portfolio of managed services, all expertly delivered by highly skilled staff, and backed up with strong data centre capabilities and our own data network.

To help your business reach higher, we often recommend combining IDE Group PACT with IDE Group Remote Monitoring and IDE Group Manage.

This provides you with total monitoring, management and security for all IT infrastructure, systems and software.

Through the combination of these services, your IT platform will be managed and developed over the long term to reach levels of excellence hard to attain internally.

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