LOGICALIS
Architects of Change



ebook

Accelerate with confidence

Drive your business forward with a data-driven approach to Security



A modern F1 race is won on data, not just driving talent

Formula 1 is a multi-billion-dollar industry. Highly competitive, it attracts elite talent and sponsorship, state-of-the-art technology and significant investment.

To stay ahead of the competition, F1 cars have more than 200 sensors across every part of the vehicle, generating close to 300GB of data covering the car and the driver. The millions of data points generated in each race deliver real-time intelligence to provide the operations team and support engineers with vital information that can be the difference between victory and defeat.

Where each millisecond makes a difference, every data point is fed back to adjust strategies and gain the competitive advantage needed to win. The live data stream lets engineers and operations teams continuously respond to new information and keep the driver on track for a win.

When speed and agility are the only way to compete, how can organisations take a similar approach to security? Many see security as a necessary element but one that potentially slows progress by adding in more checks and measures to remain secure. But, what if security systems could actually unlock speed and agility, letting you accelerate strategy and innovation by making sure all elements are set up for success?

To achieve exponential, sustainable growth and accelerate your company's digital transformation, you need to avoid compromising the competitive advantages that will win you the race. Knowing you've got the right support crew behind you, constantly monitoring and responding to new intelligence while you're moving forward at speed, is a significant competitive advantage.

Unfortunately, many organisations see cybersecurity as an inhibitor of progress with burdensome protection measures standing in the way of innovation and speed. However, the truth is quite the opposite. To move quickly and with confidence, you need to know your organisation is protected from the ever-evolving threat landscape.

Too often, organisations choose to put the brakes on and slow things down rather than consider what safety features can be built in. While organisations are right to be wary of cybersecurity risks and take all possible steps to mitigate them, there is no value in holding back on innovation and strategic goals by becoming too risk averse. Rather than put the brakes on, the key is to proactively plan how to integrate security and safety features into the business. It's essential to leverage the multitude of data generated from existing systems and processes to protect and respond to actual threats instead of chasing shadows.

Like an F1 car, your business needs the right security sensors built in across your entire ecosystem. And, with a team of expert engineers ready to analyse information as it comes in, you can hit the accelerator rather than the brakes and use cybersecurity as a competitive advantage.

This is because the role of security is not to hold your business back or to simply tick the boxes of compliance. Nor should security be rigid and siloed, unable to support your business's growth. Instead, it should be integrated into the business and stitched into the digital fabric.

This eBook explores how your business can evolve from putting the brakes on innovation due to rigid cybersecurity protocols, to using cybersecurity to accelerate with confidence, move forward securely and maximise competitive advantage.

Using cybersecurity to gain competitive advantage delivers four key benefits by:

- fostering digital agility, bringing business context to the security environment
- empowering organisations to develop solutions for innovation and growth
- accelerating the digital ecosystem, combining flexibility with impenetrability
- removing siloes to gain insights, spot opportunities, and take risks.

The key is to proactively plan how to integrate security and safety features into the business.



Support full-throttle innovation and agility

Find the balance between speed and security

While calculated risks are crucial for success in the digital era, not every risk can be carefully calculated. There is a danger of creating blind spots around risks that are continuously changing; however, if security measures are proactively embedded into business infrastructure, it's possible to avoid this and move fast with smart solutions. While it might not be possible to mitigate every single cyber risk, you can understand your business's comfort level when it comes to risk versus reward.

Understanding the balance between risk and reward through the lens of speed and security requires businesses to strategically map change to digital transformation. This is intrinsically linked to business success. However, digital transformation means businesses will increasingly adopt more interconnected systems and devices, including devices that form the Internet of Things (IoT). Estimates say there will be more than 64 billion IoT connected devices in use worldwide by 2025, with associated spending on IoT security set to hit more than US$3 billion in 2021 alone.[1]

Associated spending on IoT security set to hit more than US$3 billion in 2021 alone.

While the expanded use of technology increases business opportunity, the enlarged attack surface also creates more potential entry points for malicious actors as each new device or system is connected. To keep the business running, it's critical to manage digital transformation by controlling cyber risk.

By building security into transformation from the ground up, businesses can fully leverage exciting new and emerging technologies. They won't have to slow transformation down, sacrificing speed and agility for safety. Instead, they will be able to accelerate transformation plans safe in the knowledge that a holistic security approach is already in place.

To understand the balance between speed and security, it's important to assess all the effects that digital transformation can bring. Conducting a SWOT (strengths, weaknesses, opportunities, and threats) analysis can be helpful for companies to understand how they can make technology work for them without unduly compromising security.

In doing this, it's essential to not only consider threats and potential negative outcomes but also opportunities and potential positive outcomes. Once a business has a clear SWOT analysis, it will become easier to find the balance between speed of new technology adoption versus any cybersecurity risk it could introduce (and how to address that risk).

1. https://techjury.net/blog/internet-of-things-statistics/#gref

Nearly half of global CIOs see data breaches as the biggest risk to their organisation, followed by malware and ransomware at 39 per cent.[2]

Enable innovation and flexibility

In the wake of the pandemic, more people are working from home through networks that aren't controlled by the business. Workers need to be able to be productive from anywhere, securely. According to recent research by Logicalis, nearly half (47 per cent) of global CIOs see data breaches as the biggest risk to their organisation, followed by malware and ransomware at 39 per cent.[2]

As businesses cannot protect dispersed workforces with the same level of corporate firewalls and well-defined perimeters as they could for office workers, the risk of cyberattack increases. With most employees preferring to continue working remotely at least some of the time and with lockdowns continuing, businesses need to overcome the challenges of a borderless workforce to encourage innovation and empower workers while keeping them secure.

Organisations that empower their employees to genuinely be productive and stimulate innovation, while they work from anywhere, will instil resilience and create a competitive edge. However, giving employees full access to company systems and data from any location can also create security risks if connections aren't properly secured.

This can be overcome by leveraging secure tools to manage authentication and identity to prevent unauthorised access. By having the right security fabric built into the business, organisations will be able to overcome just about any external disruption. When viewed in this way, it's clear that cybersecurity is an essential element to enabling innovation.

2. 2021 Global CIO Survey, Logicalis

Act on new opportunities

Technology continues to evolve quickly. New and emerging technologies, such as IoT, big data and artificial intelligence (AI), can provide significant growth opportunities but can come with concerns over how they integrate with existing systems and may introduce security risks.

Harnessing these technologies can accelerate an organisation's growth and competitive advantage. The key to unlocking the potentially enormous benefits of new technology is to apply appropriate security controls to avoid risk.

Research shows that 44 per cent of an organisation's security alerts are never investigated.[3] Under-resourced IT departments may lack time to investigate an increasing number of security alerts; however, this could be the difference between surviving or falling victim to a cyberattack. Fortunately, this can be addressed by using AI.

Similar to cars, leveraging technology to rapidly process and solve issues as they arise can avoid future roadblocks and provides an intelligent response quickly. Cybersecurity solutions that leverage AI can help resolve issues by automating the detection and response process, making it much more difficult for attacks to go undetected. For example, Microsoft's security platforms process eight trillion security signals daily, continuously evolving its AI to mitigate threats in real time.[4]

Using advanced, AI-driven cybersecurity tools can remove much of the risk associated with adopting new technologies. This means organisations can disrupt the business in a positive way by safely embracing new technologies that streamline workflows, open up new revenue streams, and accelerate growth.

Put the pedal to the metal safely

The business landscape is a race where the pace is set by those who can adopt and integrate the best technology into their operations, ideally ahead of their competitors. This means businesses need to be able to transform successfully while still operating at speed; a task that can be complicated and challenging.

Most businesses are not in a position to manage their entire transformation, while simultaneously maintaining a strong business-as-usual cadence. Just like a fast car needs a driver and a pit crew to keep it on course, organisations looking to run faster and grow need the support of powerful partners.

It's important to work with a security partner who can make sure the business is covered so the internal team can innovate and find new ways to leverage opportunities for growth and success. This means treating cybersecurity like a business issue, rather than an IT issue. By reframing the question of cybersecurity in this way, and by working with partners who recognise the importance of business enablement, it becomes possible to see the opportunities cybersecurity can provide for success.

3. Azure Sentinel best practices: Strategies for success in data ingestion and incident response. Microsoft.
4. https://www.technologyrecord.com/Article/reinventing-cybersecurity-with-artificial-intelligence-125555

Why Logicalis? The cybersecurity equivalent of an F1 pit crew

Logicalis offers a managed security solution that combines the best and most powerful cybersecurity solutions with services from world-class security experts to deliver a supercharged cybersecurity posture. Having Logicalis in your pit crew means organisations can operate at speed, with confidence.

Logicalis has developed a flexible security solution that weaves security into an organisation's digital fabric to empower and support digital transformation. Logicalis Secure OnMesh can be deployed whenever and wherever it's needed so you can focus on accelerating and lapping your competitors.

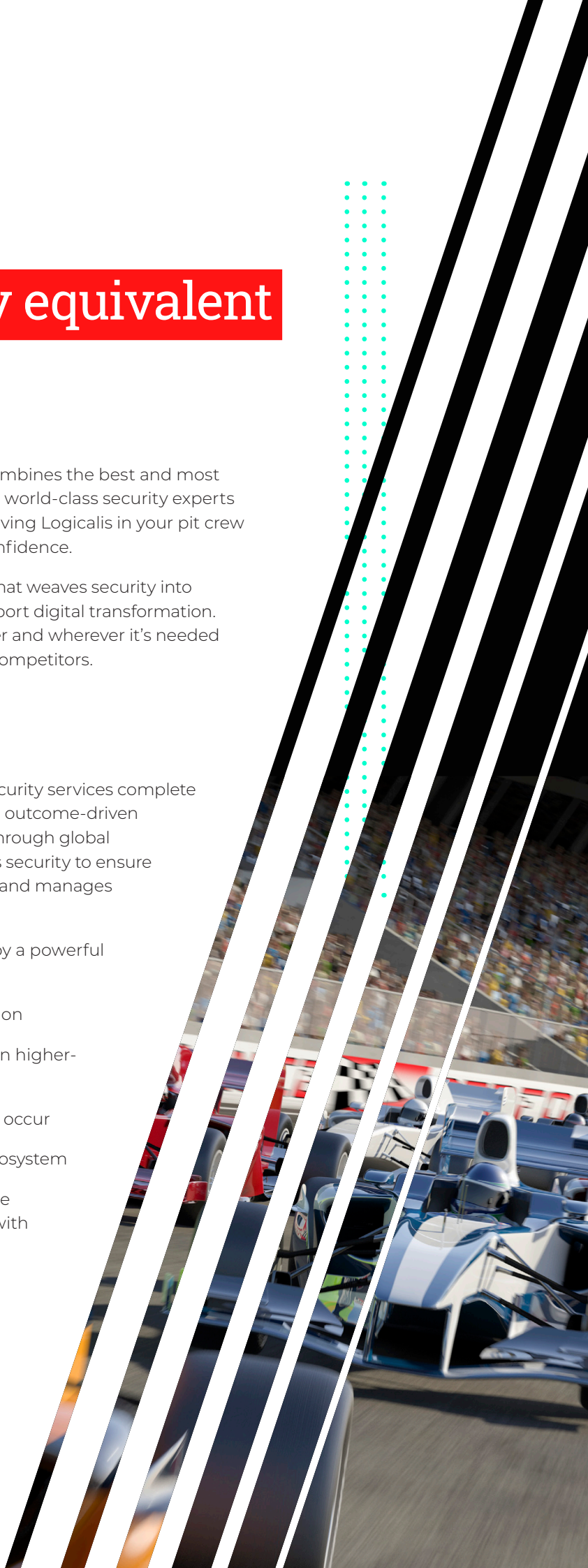
Let our resources work for you

The Logicalis secure operations centre (SOC) and security services complete the picture, delivering an integrated, risk-based, and outcome-driven approach. The Logicalis SOC delivers 24/7 support through global cybersecurity SOCs. Logicalis continuously monitors security to ensure clients are compliant with regulatory requirements, and manages internal and external threats as they arise.

With the right security posture in place, managed by a powerful partner, organisations can achieve:

- faster incident resolution through automation
- empowered staff with more time to focus on higher-level tasks
- ability to predict incidents even before they occur
- real-time insights and control across the ecosystem

From IoT innovation to workplace productivity, entire businesses can operate faster and more smoothly with confidence in a secure and trusted network.



Case Study

Global eCommerce provider ESW accelerates Security strategy with Logicalis

ESW, a global eCommerce ecosystem provider, had a clear vision to empower the world's most loved brands and make global shopping safer, simpler, and faster.

Business challenge

Security is a top priority in all aspects of ESW's operations, including information security, data protection, IT change management, audit, and compliance. In today's retail climate, cybersecurity is at the forefront of the information security strategy. This is why one of ESW's most critical business operations is meeting the Payment Card Industry (PCI) compliance and governance standards.

Approach

Logicalis engaged with ESW on implementing a security solution that would meet its business needs, while meeting the strict PCI security compliance requirements. It was clear ESW needed to embed security into the business strategy, while considering cost restraints, protection needs, internal skillsets, operating hours, and compatibility with existing day-to-day technology and environments.

Using its lifecycle services model (align, transform, scale), Logicalis helped the customer align on its current state over several workshops, transform the environment based on the workshop output, and then scale by deploying the solution as a managed service.

Customer impact

ESW has been able to augment its security team and extend the services it provides its business and related customers without investing heavily upfront. It also benefits from guaranteed performance, cost optimisation and continuous evolution as more technologies get integrated into the managed security solution as they are released.

"Our vision is to protect, preserve, and prolong the value of ESW data and eCommerce services, and enhance ESW's brand and competitiveness in a digitised world. One of our critical security objectives is meeting the Payment Card Industry (PCI) compliance and governance standards. Working alongside a partner like Logicalis, that has both cloud and security skills, and knowing that the service will work to detect and uncover threats with Microsoft's unparalleled threat intelligence and the rapid response from the Logicalis team means ESW can meet its security objectives and deliver on its security vision," said Ray Thorpe, CISO at ESW.



Want to accelerate your business securely?

If your business is currently being held back due to cybersecurity concerns, it's time to **accelerate securely and with confidence**. Having the right cybersecurity solutions in place can unleash your business's potential for growth and help you seize opportunities as they arise through:

- adopting new and emerging technologies without creating undue risk
- complying with relevant regulations and standards so you can operate with confidence
- transforming the organisation to run faster and grow
- innovating at speed for ongoing growth
- optimising systems to deliver higher performance in line with operational requirements
- navigating the threat landscape successfully, avoiding disruptive downtime.

Logicalis can help you evolve from having to put the brakes on innovation to accelerating with confidence to unleash your business's true potential. To find out more, contact the team today at info@ap.logicalis.com.

LOGICALIS
Architects of Change