2019

Multi-layered protection builds trust and confidence

kaspersky

BRING ON
THE FUTURE

Combination of world-class Kaspersky security solutions helps to keep Texas-based bank and its valued customers and communities safe from cybercriminals

Established more than 100 years ago, this independent financial services business has deep roots in the Texas communities in which it operates.

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Finance
- Country: United States
- Texas-based financial services business
- Multiple Kaspersky security solutions

"It's very reassuring to have the scope and scale of Kaspersky and the excellence of its technology on our side. The company is extremely impressive and responsive."

Director of Information Systems

Alongside a broad portfolio of expert banking, finance, insurance and wealth management services, the business and its employees provide investment, sponsorship and many hours of volunteering time to nurture, support and connect a diverse range of deserving causes.

Social responsibility is at the heart of its corporate culture and values, and by helping to build healthy communities and a healthy local economy, it knows that citizens and businesses alike will share the benefits.

Challenge

As a closely regulated and scrutinized financial services institution, this Kaspersky customer has a range of stringent responsibilities to keep the huge quantities of personal data it holds on behalf of individuals and organizations secure against increasingly sophisticated and persistent attacks by cybercriminals.

"Our reputation is everything, especially given our position in the communities we serve, so we do everything in our power to protect ourselves, our people and our customers," explains the Director of Information Systems.

"We begin with our own corporate architecture. We try to minimize our footprint that's exposed to the internet. Then we augment our own internal team with as much of the best knowledge, technical expertise and solutions from the marketplace that we can to provide the multiple layers of protection that we need.

"Cybercrime really is the number one threat to our business. If anything is going to keep us awake at night, that's it! That said, we've always been a very security-conscious organization.

"We're naturally conservative in our business decisions and that cautious approach flows across into other ways in which we manage our day-to-day business continuity and security. We'd rather have more security measures than we need, than not enough.

"But with the increased threats from crypto viruses and ransomware, by late 2016 we knew that we needed to ramp up our security even further. So, we began conversations with Kaspersky on the recommendation of a trusted colleague who felt that the company had the holistic approach, the range of solutions – and the business fit – that we were looking for."

The Kaspersky solution

The financial services business began its relationship with Kaspersky by moving onto the advanced version of its Endpoint Security for Business Solution.

But within its roadmap was a clear vision to go further, specifically by adopting Kaspersky Managed Protection (KMP), and Kaspersky Anti Targeted Attack (KATA) platform, a new strategic approach to the detection of threats.

KMP implements all the latest approaches to cyber threat hunting by supplementing multiple automated detection technologies with the skills of professional analysts. KMP's key advantage is that it detects attacks that automated detection and prevention tools have missed.

KATA uses world-class security intelligence and advanced machine learning technologies to analyze network and endpoint data – and in independent tests has been found to achieve a 100% success rate in identifying real threats and diagnosing appropriate responses.
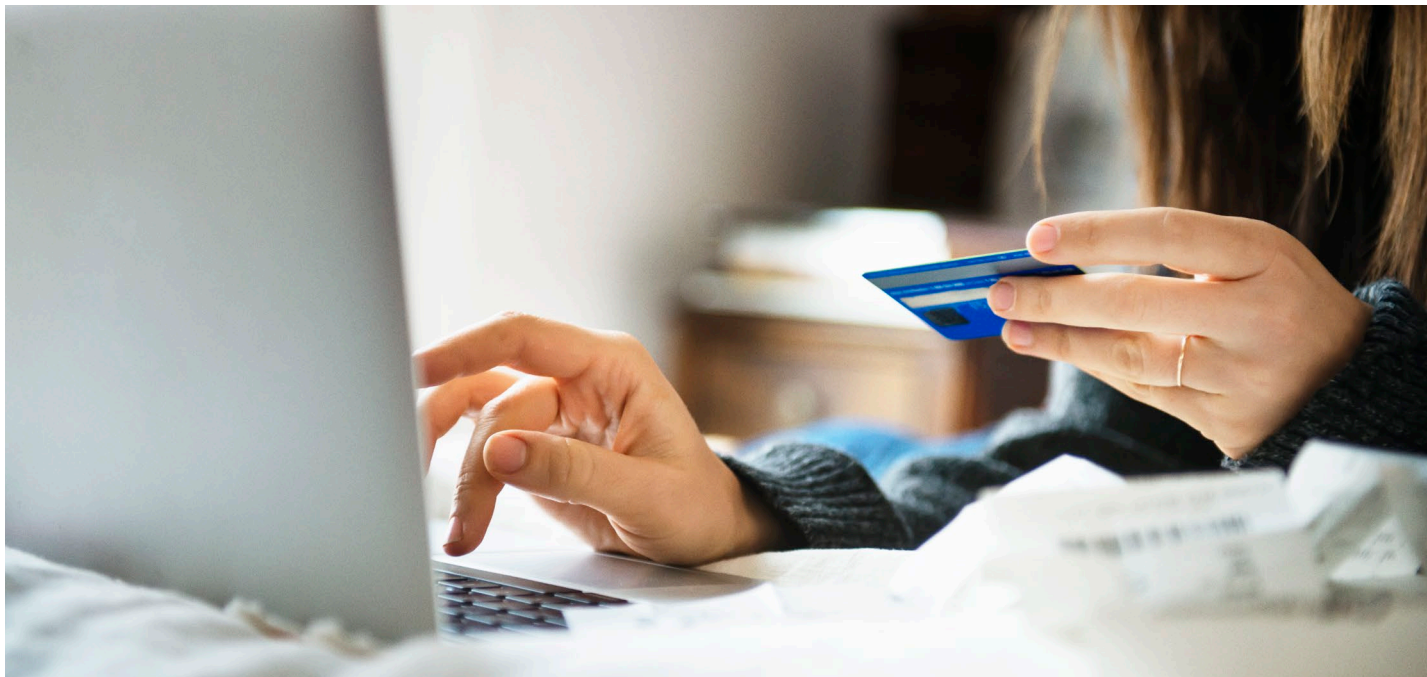
> **"We regard Kaspersky as a strategic partner – and the firm always seem to be on the front foot. Every time you read a security article about something new out there, nine times out of 10 it's Kaspersky that detected it, and that delivers real trust and confidence on our part."**
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> **Director of Information Systems**

"We could see immediately that Kaspersky Endpoint Security for Business Advanced was doing a much better job than our previous product, which allowed some things through, while Kaspersky caught everything," recalls the Director of Information Systems.

"We liked the fact that it's an all in one solution for endpoint security, with vulnerability assessments, device control, encryption and patch management, and it also produced savings straight away. Everything is contained in one product, replacing multiple products, each doing different jobs and each requiring management time.

"Database updates are also faster and much less intrusive. We can push them out through our wide area network. And with the Kaspersky Hybrid Cloud Security Virtual Light Agent running in our virtual infrastructure, we were able to schedule scans on our own servers in the knowledge that they weren't going to affect their performance, which is also a real plus point."

But with the potential cost of just a single, significant security breach running into millions of dollars, combined with serious reputational damage, the business then turned its attention to the next layer of its multi-layered security portfolio.

Results

"Kaspersky told us that KATA can detect, prevent, respond and predict," says the Director of Information Systems. "And that really is what it does – it's a huge step forward for us.

"Previously we would never have the level of visibility into the threats that were developing. We would rely on people calling us up to let us know. When we activated KATA, by monitoring and seeing the alerts in advance it gives us the opportunity to stop them mid-attack and share that information with our employees to help educate them about what's going on.

"It's very reassuring to have the scope and scale of Kaspersky and the excellence of its technology on our side. The company is extremely impressive and responsive – when a threat emerges, Kaspersky acts very quickly to put counter measures in place.

"It feels like a one-stop shop where we can go for all of the expertise and solutions that we need. It provides a level of tools and knowledge that an organization of our size just wouldn't be able to retain in-house.

Performance
Breaches eliminated

Partnership
Strategic relationship and strong business fit

Control
Multi-layered security stance delivers business confidence

Cost
Prevention of multi-million-dollar breach is business critical

Single supplier delivers management efficiencies and streamlined operations.

"They're all integrated with each other, so adding or upgrading services is really simple, easy to manage and cost effective.

"Importantly, it also provides visibility and transparency. Financial services is a heavily-regulated industry. We must have independent penetration tests, for example, to validate our security measures. With KATA we have tremendous visibility of what's going on and how we are dealing with it."

Even with its multi-layered protection in place and fully-functioning, the organization is taking nothing for granted and so the Kaspersky Endpoint Detection and Response (EDR) solution is part of its plan to stay ahead of the cyber criminals.

EDR aggregates endpoint data and sends it to the KATA analyzer, which processes it and produces alerts, giving security teams the capability to hunt for yet unknown threats and respond accordingly. This provides an extra layer of peace of mind – or "sleeping tools", as the Director of Information Systems calls them.

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"And Kaspersky also enables us to help support our wider community here in Texas, as we share our cybersecurity knowledge with other businesses and organizations in our local community."

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