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Leading Security Software Vendor Partners with Luxoft to Test its Flagship Products

Kaspersky Lab and Luxoft Apply Hybrid Approach to Optimize Software Update Creation Process

As the world's largest privately held anti-virus technology company and licensor, Kaspersky Lab had offered state-of-the-art security solutions to more than 300 million businesses and consumers in virtually every country around the globe. Kaspersky Lab has been ranked among the Top 50 Most Innovative Companies worldwide by U.S. business magazine Fast Company, taking 32nd place in the ranking, ahead of many global giants of the IT industry.

This kind of solid growth means having to keep pace with industry, market and increased security threats by releasing error free software updates as quickly and seamlessly as possible. So when it came time to test new updates to its flagship Kaspersky Anti-Virus and Kaspersky Internet Security products in an efficient, risk-free, and timely manner, Kaspersky Lab management knew just the perfect "go to" IT outsource provider to partner with—Luxoft.

The Products: Virus Free Computing and Malware Protection for End Users

Kaspersky's Anti-Virus (KAV) software delivers core protection from the latest viruses, malware, and more by working behind-the-scenes with intelligent scanning and small, frequent updates, while proactively providing protection from known and emerging threats.

The Kaspersky Internet Security (KIS) has extended functionality and, in addition to KAV the product, delivers protection from today's complex, ever-evolving on-line threats, whether it's website banking, shopping, or social networking.

Both software products employ Kaspersky Lab's innovative Hybrid Protection that combines the power of cloud computing with advanced technologies housed on individual PCs to deliver a faster, more effective response to today's complex and emerging security threats.

End users benefit from the speed of reaction on new threats, while also taking advantage of Kaspersky Lab's ability to detect and treat local malware threats on PCs. The approach allows the system to capture and neutralize malware that has infected a device while working offline via a USB or LAN. The result of this hybrid approach is unmatched security level for user.



Client:



Kaspersky Lab is one of the world's largest IT security solutions providers, offering comprehensive protection against all forms of IT threats such as viruses, spyware, hackers and spam. The company's products and technologies provide in-depth computer defense for more than 300 million systems around the globe, including home and mobile users, SMBs and large enterprises.

Summary:

Kaspersky Lab needed to add resource capacity to its internal testing team in order to minimize risks and complete the updated releases of its flagship products on time.

Challenge:

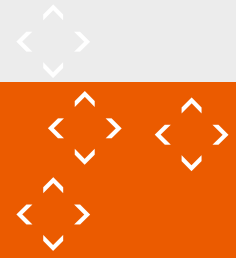
Create hybrid testing teams for its flagship Anti-Virus and Internet Security products – consisting of both on internal and outsourced software testing experts. The teams needed to be geographically compatible and speak English. The teams would be performing under tight deadlines and needed to provide timely addition of other highly skilled employees for testing on other products as well.

Results:

Luxoft met all project deadlines while it succeeded in helping to create a dedicated center for testing all of Kaspersky Lab products. This includes performance testing of all the necessary types:

- ◆ Functional testing
- ◆ Regression testing
- ◆ Configuration testing

Luxoft created a permanent pool of qualified software testers, resulting in a strong knowledge base and expertise accumulation around Kaspersky Lab products.



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The Challenge: A Hybrid Team Approach

Meeting the testing deadlines would require the assistance of an expert IT engineering firm. Besting six other outsourcing competitors, Luxoft was selected for several reasons. Yuri Semenov, head of Kaspersky Lab Outsourcing Delivery, reports that in addition to hearing great things about the outsourcing firm from various internal and external colleagues, the decision was made to go with Luxoft because of their ability to work from the desired location and communicate in English.

According to Semenov, Kaspersky Lab had a previous negative experience with another outsource provider that worked with tester teams in regions, which did not produce desired results and created communications complications across different time zones. Moscow-based Luxoft is a leading IT provider in the Eastern European market and is able to provide teams and services throughout the desired location and around the world.

Perhaps most importantly, Luxoft was the only service providers able to deliver the required level of the specialists' technical training.

The challenges of the testing project were many:

- ◆ First, a dedicated hybrid team had to be created for testing Kaspersky's flagship products together with internal testing team.
- ◆ The teams would have to be geographically in sync and English-speaking.
- ◆ Kaspersky management also required the timely provision and deployment of additional highly-skilled employees if and when they were needed for testing with new products.
- ◆ Strict deadlines were enforced in order to meet the promised software release dates.
- ◆ In addition, Kaspersky wanted to improve all testing project transparency and manageability while expanding its project knowledge base, support, and expertise accumulation.

Project Results

Within the specified timeframes, Luxoft together with Kaspersky Lab was able to successfully create a highly qualified hybrid testing team to meet customer needs. Performance testing was designed and implemented for all the necessary types, including functional, regression, and configuration.

Luxoft specialists were instrumental in making the configurable test environment available to provide the opportunity to test the anti-virus and internet security products with all the typical configurations of the operating systems, mailbox systems and browsers.

Kaspersky Lab required complete transparency of the projects; control over the labor input for each release and project progress for their managers; and the ability for their managers to select the most suitable and qualified specialists for specific tasks. Lastly, it was Kaspersky's goal to create a dedicated center of testing to add flexible resource capacity to the internal tester pool, as well as a stronger knowledge base and expertise accumulation around their products.

Currently Luxoft specialists are participating in testing for KAV/KIS new release and Kaspersky CRYSTAL (one of their premium class products).

„We were completely satisfied with our first project with Luxoft and have decided to continue and expand our partnership with them,” says Semenov.

„The partnership with Luxoft completely satisfied our expectations. We were happy with their specialists – they rapidly familiarized themselves with the project and presented themselves as true professionals. Due to successful team-work, we completed the testing of the flagship products in time.”

Yury Semenov, Head of Outsourcing Delivery for Kaspersky Lab.

About Luxoft

Luxoft, a principal subsidiary of IBS Group, is a provider of advanced application and software engineering outsourcing services for global and regional enterprises. Luxoft builds partnerships with its clients, such as Boeing, IBM, Deutsche Bank, UBS, Harman, Avaya, Alstom, Sabre, based on the culture of engineering excellence, innovation, and deep domain expertise. Luxoft offers international delivery capability through its network of state-of-the-art delivery centers in North America, Eastern Europe, and Asia. Luxoft's customers benefit from the right mix of technology skills, industry knowledge, proprietary processes and methodologies, and a choice of engagement models.

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