



## PT MULTISCANNER AT MAJOR RUSSIAN BROADCASTER: INTERNAL SERVICES FOR MALWARE DETECTION

*"We know how high the risk of malware is at a large company like VGTRK. To meet this threat, we needed a reliable, yet very flexible, solution that could be adapted to our needs. These qualities drew us to PT MultiScanner, a product that combines the deep expertise of Positive Technologies with the experience offered by antivirus vendors."*

**Dmitry Safronov,**  
Head of Information Security,  
VGTRK



### CLIENT PROFILE

- + **Name:** VGTRK
- + **Industry:** media
- + **Properties:** nationwide channels (Rossiya 1, Rossiya K), Russia's first 24/7 news channel (Russia 24), international channel (RTR-Planet), Russian edition of Euronews, over 80 regional TV and radio companies, four radio stations (Radio Rossii, Mayak, Kultura, and Vesti FM), and Internet channel (Rossiya)
- + **Solution:** PT MultiScanner for scanning employee files, reducing security workload, and empowering with better security awareness

VGTRK is one of Russia's largest media corporations, as both a leading broadcaster and content producer.

### CHALLENGE

Hackers still favor malware in their attacks! Employees are a convenient point of entry for attackers: malware tucked into files downloaded from the Internet or received by email can cause large-scale infections or data compromise.

The information security team at VGTRK was long aware of the difficulty of its task. As a prominent media player, VGTRK is bombarded with attacks seeking to disrupt its operations or obtain non-public information. Employees regularly receive malware-laden phishing emails at their personal and corporate addresses. Infections caused by Internet downloads or USB drives are a frequent occurrence as well.

Initially, VGTRK used several AV products simultaneously in an attempt to prevent viruses. But this approach was difficult to sustain. "It's just impossible to manage so many different systems. Without a centralized solution, we were having to spend all our time going through scan reports in different formats that were full of false positives," says Dmitry Safronov, Head of Information Security at VGTRK. Then the company created a special email address to which employees could forward suspicious attachments, which were verified manually by security staff. This method brought results, but at a high cost in time.

To take scanning to the next level, VGTRK required a solution that could automate the scanning process and perform the job in a more reliable yet efficient way, simultaneously improving employees' security awareness by providing access to self-service scanning.

### SOLUTION

VGTRK chose PT MultiScanner as a multilevel system for protecting against malicious content.

Why PT MultiScanner?

- + Scanning with multiple antivirus engines, static analysis, and reputation services—without sending sensitive data outside the company's network perimeter
- + Retrospective analysis to detect hidden threats, reconstruct the spread of malware on corporate infrastructure, and support security investigations
- + Aggregation of intelligence about all threats across the company's data streams
- + Ease and speed of deployment
- + Scalability and performance under high loads
- + Intuitive, convenient interface

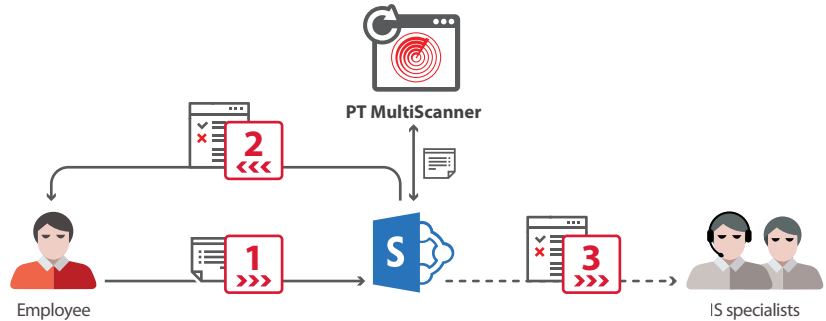
1 As detailed in "Cybersecurity threatscape: Q4 2017" (Positive Technologies report).

**KEY FEATURES**

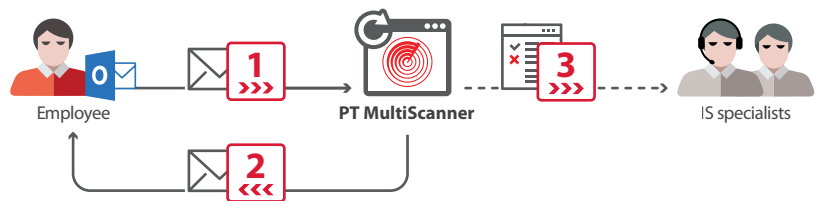
- + Comprehensive scanning of files using multiple antivirus engines, static analysis, and reputation lists from Positive Technologies
- + Retrospective analysis of files for detecting hidden malware and advanced persistent threats (APTs), as well as assisting in incident response and investigation
- + Aggregation of information about all threats across company data streams
- + Support for standard interfaces (SPAN, MTA, ICAP, REST API) to simplify deployment
- + Improved employee awareness and involvement in the security process

Two different scanning options with PT MultiScanner are available to VGTRK employees:

- + **Internal service (integration with internal portal).** PT MultiScanner integration with the SharePoint internal portal (via REST API) made it possible to offer a user-oriented service so that users can scan files themselves. Any time a suspicious message arrives, employees can get it scanned and view the results by clicking a special button in SharePoint.



- + **Mail client integration.** Thanks to integration of PT MultiScanner with the corporate mail client, users can send suspicious files for scanning with a single click in the mail client interface.



In both cases, security staff are notified in case of malware detection. This information helps react quickly, track the movements of malware, and eliminate the threat.

**RESULTS**

Safronov praises what this deployment has achieved at the company. "PT MultiScanner is so flexible: it easily adapts to all our needs. Support for a wide range of interfaces makes it a breeze to integrate with existing systems. With PT MultiScanner, we've finally solved the problem of antivirus protection at our company."

By deploying PT MultiScanner, VGTRK has gained convenient internal services that halve the time spent by security staff to verify files while improving the level of infrastructure protection. Future plans include adding more antivirus engines and extending protection by integrating with more corporate systems.

**About Positive Technologies**

Positive Technologies is a leading global provider of enterprise security solutions for vulnerability and compliance management, incident and threat analysis, and application protection. Commitment to clients and research has earned Positive Technologies a reputation as one of the foremost authorities on Industrial Control System, Banking, Telecom, Web Application, and ERP security, supported by recognition from the analyst community. Learn more about Positive Technologies at [ptsecurity.com](http://ptsecurity.com).

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