

## CYTEGIC'S ACRO SOLUTION FOR THIRD PARTY RISK MANAGEMENT

*Third party risk is probably the most dangerous and complicated to manage. Contemporary organization boundaries are flexible and sometimes almost transparent. Good business practice, such as just-in-time supply chain management, subcontracting and joint venture dictate close relationships with a variety of partners, vendors and more.*

### 3rd Party Critical reported events

In the **retail** industry for example, third-party cyber risks and breaches are prevalent due to potential financial gains of successful point-of-sale breaches. One of the most famous cases is that of Target, when hackers had accessed Target's gateway server through credentials stolen from a third-party vendor, and had impacted 40 million credit and debit card in 2013<sup>1</sup>. In 2014, a major food chain confirmed compromise of one its third-party payment vendors, Signature Systems, which led to the exposure of customer information at 216 stores nationwide<sup>2</sup>. The vendor stated the intrusion was carried out by the attacker gaining access to a username and password used by the vendor to remotely access POS systems<sup>3</sup>. In 2016, Fast-food chain Wendy's disclosed it was attacked through a PoS malware affecting 300 franchise restaurants. In its SEC filings, Wendy's stated malware was installed through the use of compromised third-party vendor credentials and targeted a PoS system used in a minority of its stores.

In the **government** sector, we have witnessed nation-state cyber-attacks surrounding U.S. presidential election, when a Russian military intelligence unit had attacked a U.S. company providing voting systems and services, days before Election Day<sup>4</sup>; in October, hackers breached an Australian **defense** contractor and stolen 30 gigabytes of data of national security programs<sup>5</sup>.

According to the remote support company Bomgar, 67% of global IT decision makers reported suffering a breach due to unsecured third-party access and only 34% of organizations can track their business vendors' log-ins<sup>6</sup>.

### Existing Solutions:

Current practice of 3rd party risk solutions fall under 2 categories:

1. **Hygiene testing, such as internal data found in the wild.**
2. **Security posture reporting**

Both approaches do not cut it anymore. Certainly when it comes to large corporates and enterprises with thousands of 3rd party relationships. The biggest drawback of all current solutions – none of them correlate threat landscape with security posture to automatically calculate the risk profile – the real inherent risk to the enterprise.

<sup>1</sup><https://www.nbcnews.com/business/business-news/target-settles-2013-hacked-customer-data-breach-18-5-million-n764031>

<sup>2</sup><https://www.tripwire.com/state-of-security/latest-security-news/payment-systems-vendor-hacked-hits-216-jimmy-johns-and-108-other-restaurants/>

<sup>3</sup><https://www.tripwire.com/state-of-security/latest-security-news/payment-systems-vendor-hacked-hits-216-jimmy-johns-and-108-other-restaurants/>

<sup>4</sup><https://theintercept.com/2017/06/05/top-secret-nsa-report-details-russian-hacking-effort-days-before-2016-election/>

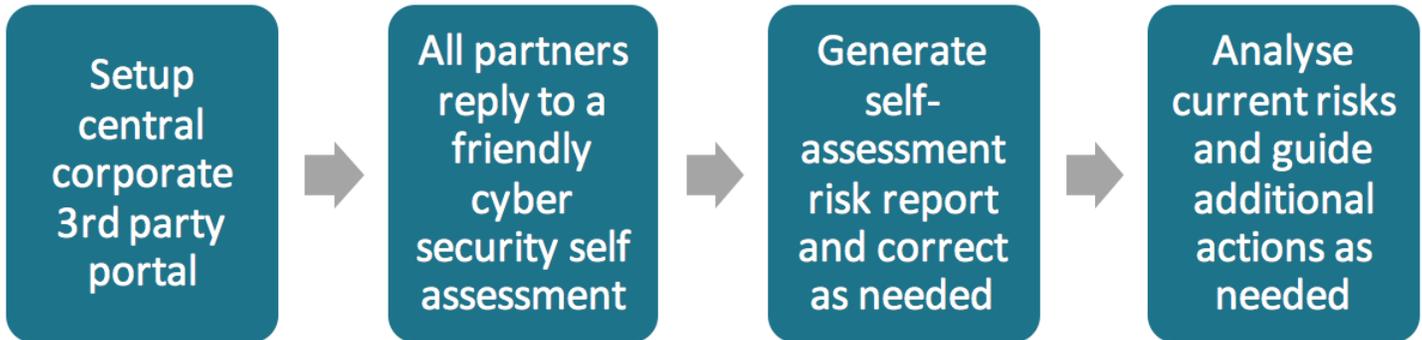
<sup>5</sup>[https://www.acsc.gov.au/publications/ACSC\\_Threat\\_Report\\_2017.pdf](https://www.acsc.gov.au/publications/ACSC_Threat_Report_2017.pdf)

<https://www.natlawreview.com/article/just-one-734-australian-defence-contractor-hacked>

<sup>6</sup><http://www.informationsecuritybuzz.com/articles/recent-breaches-show-third-party-attacks-new-hack/>

**Cytegic's ACRO3 – Automated Cyber Risk Officer for 3rd Party Risk Management** provides the ultimate solution. Utilizing the power of the multi staged intelligent engine tailored for the automation of cyber risk management ACRO3 enables corporates to quickly and effectively deploy third party risk management platform, gather and manage vendors' security posture data and correlate it against their specific threat landscape.

The solution is based on 4 simple steps:



Cytegic's solution automatically correlates security posture with threat landscape to produce inherent risk profile for each and every 3rd party with an agile and powerful database to enable reporting, dash boarding, continuous monitoring and alerting.

Deep-level validation of the security posture utilizing Cytegic's automated security posture technology enables the enterprise to manage resolution and validity of partner's risk profile.

With a very attractive business model distributing most of the cost on the partners Cytegic's solution is the most affordable, simple and powerful solution for every business.

Please contact me personally to learn how we can make your vendors and partners an business asset and not a liability.



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