

## CERT-LT ACTIVITY REPORT FOR THE THIRD QUARTER OF 2015

National Electronic Communications Networks and Information Security Incident Response Team of the Communications Regulatory Authority of the Republic of Lithuania (CERT-LT) summarizes its activity results of the third quarter of 2015. **During the said quarter, CERT-LT investigated 9708 incidents pursuant to the notifications received from the Lithuanian electronic communications service providers, foreign CERT services engaged in the investigation of international incidents, and the Lithuanian Internet users.** If compared with the third quarter of 2014 (9566 incidents), the number of incidents increased by 1.5 percent. If compared with the second quarter of 2015 (9527 incidents), the number of incidents increased by 1.9 percent.

Almost half of recorded incidents are related to vulnerabilities of network devices - 4490. In terms of the number of incidents, malicious software (viruses, Trojan horses, etc.) is in the 2nd place - 2612 cases. Also during the period referred to 1686 system compromises were recorded. CERT-LT research data demonstrated that the majority of the detected computer compromise cases were carried out by automated means and associated with vulnerable software (e.g. a webserver or a content management system). Period referred differs significantly if compared to Q2 2015:

- 1) number of system compromise cases increased by 32 percent;
- 2) number of phishing cases increased by 24 percent;
- 3) number of denial of service cases decreased by 21 percent;

During Q3 2015 we investigated 103 phishing cases. Social websites (facebook.com, vk.com), e-mail systems (gmail.com, yahoo.com), the electronic billing website paypal.com were imitated the most. Also websites of banks operating in Lithuania were faked. Using spam or other fraudulent means the evil-minded individuals were inviting to visit fake websites in order to obtain passwords or other confidential data. By prompt actions of CERT-LT those fakes were liquidated relatively quickly.

Other received and investigated notifications:

- 1) on illegal use of electronic data – 8;
- 2) on denial of electronic service – 11;
- 3) on breach of integrity – 2;
- 4) various types – 796 (including 65 consultations).

At the end of July we observed more cases of phishing of financial pages. As always, the clients of Lithuanian banks were targeted. Such malicious pages appear again and again during the whole year. However it is not easy to deceive an alert user. Our recommendations on protecting yourselves are available at [https://www.cert.lt/pranesimai/cert-lt\\_ispeja\\_suaktyvejo\\_elektroniniu\\_p\\_dba.html](https://www.cert.lt/pranesimai/cert-lt_ispeja_suaktyvejo_elektroniniu_p_dba.html).

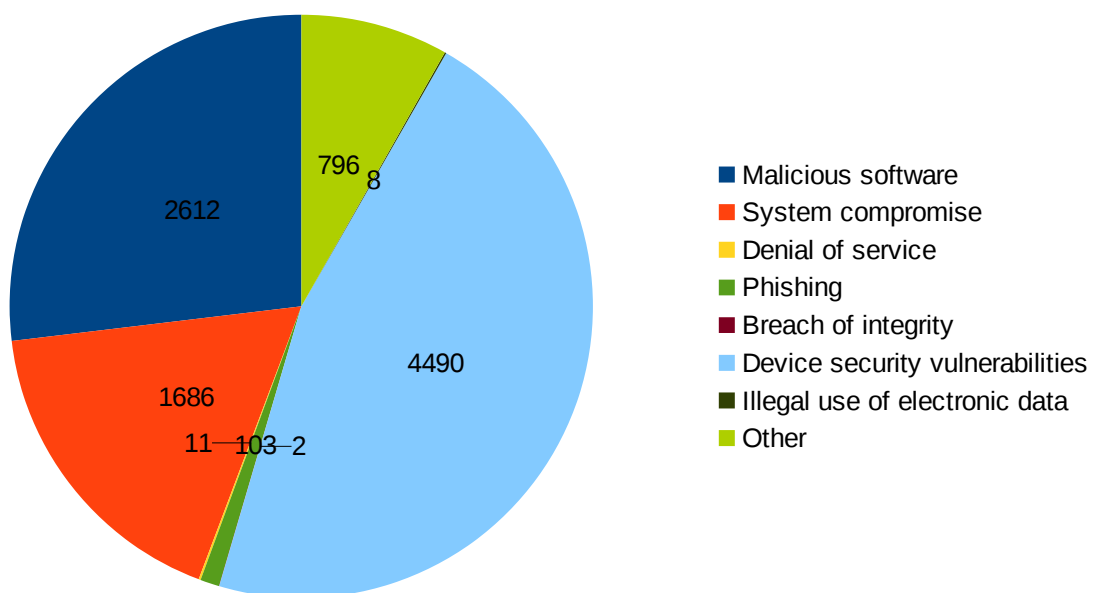
Tables and charts provide summaries of incidents. All CERT-LT statistical incident reports can be found at: <https://www.cert.lt/en/statistics.html>.

**Table 1.** Summary of incidents investigated by CERT-LT in the 3rd quarter of 2015

Type of incident	Number of incidents	Percentage
Malicious software	2612	26.9
System compromise	1686	17.4
Denial of service	11	0.1
Phishing	103	1.1
Breach of integrity	2	0
Device security vulnerabilities	4490	46.2
Illegal use of electronic data	8	0.1
Other	796	8.2

**Table 2.** Comparison of the number of incidents investigated by CERT-LT in the 3rd quarter of 2014, the 2nd and the 3rd quarter of 2015

Type of incident	Number of incidents		Change, in percent	
	Q2 2015	Q3 2014	Q3 2015 / Q2 2015	Q3 2015 / Q3 2014
Malicious software	2579	2807	1.3	-6.9
System compromise	1278	1122	31.9	50.3
Denial of service	14	45	-21.4	-75.6
Phishing	83	220	24.1	-53.2
Breach of integrity	2	5	0	-60
Device security vulnerabilities	4698	3647	-4.4	23.1
Illegal use of electronic data	8	8	0	0
Other	865	1712	-8	-53.5



**Fig. 1.** Statistics of the incidents recorded by CERT-LT in the third quarter of 2015