

Who is protecting Internet in Latvia ? - CERT initiative

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The top of the slide features a blue header bar. On the left, the word "CERT" is written in large, light blue, sans-serif capital letters. To the right of this, there is a smaller, semi-transparent "CERT" logo. Further right, there is a decorative graphic consisting of a stylized, metallic-looking structure resembling a dragon or a traditional Chinese architectural ornament, set against a background of a blue and white checkered pattern.

CERT

“The superior man, when resting
in safety, does not forget that
danger may come”

Confucius

Outline

- What is CERT?
- CERTs in Latvia
- CERT initiative in Latvia
- Next steps

A blue banner at the top of the slide. On the left, there is a stylized tree logo. In the center, the word "CERT" is written in large, light blue, sans-serif capital letters. To the right of "CERT", there is a smaller, faint "CERT" logo and a decorative graphic of a tree with a circular path around it. The right edge of the banner features a blue and white pixelated pattern.

CERT

What is CERT?

The top banner features the word "CERT" in large, light blue, semi-transparent letters. To the right, there is a smaller, faint "CERT" logo. The background of the banner includes a stylized, metallic-looking structure resembling a dragon or a complex sculpture, and a blue and white checkered pattern in the upper right corner.

CERT

CERT or CSIRT?

CERT –

Computer Emergency Response Team

CSIRT -

Computer Security Incident Response Team

How CERT operates?

- RFC-2350: “*Expectations for Computer Security Incident Response*”
- Organisation, branch, some people
- Has “*constituency*” – IP address range, AS

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CERT

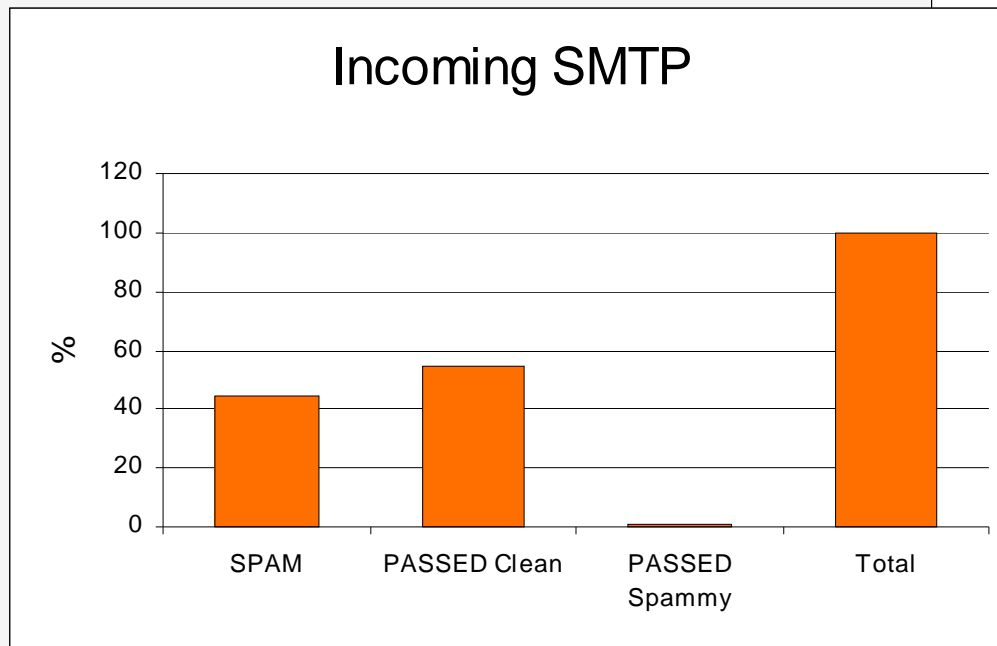
CERTs in Latvia

LATNET CERT

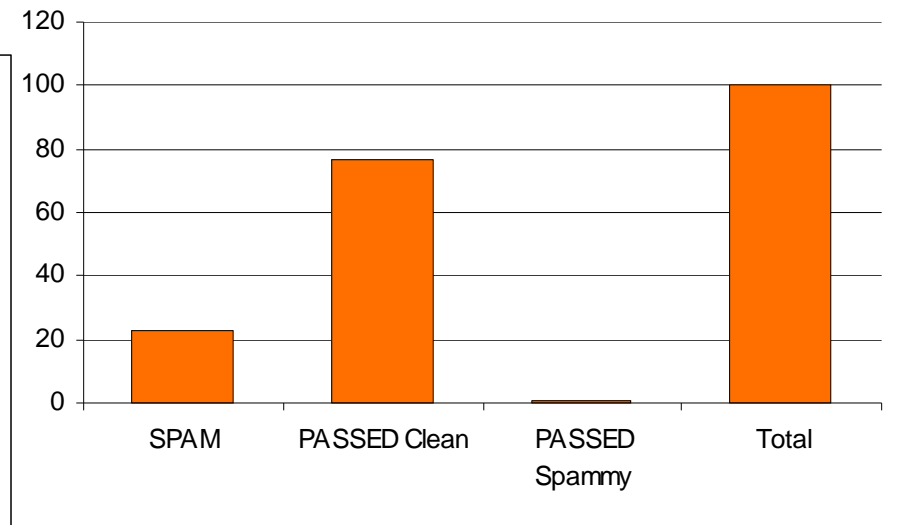
- Established in summer 2006
- Part of IMCS UL, LATNET laboratory
- Status “listed” in Trusted Introducer
- Constituency – LATNET customers – academic, commercial
- More info: <http://cert.latnet.lv>

Mail servers

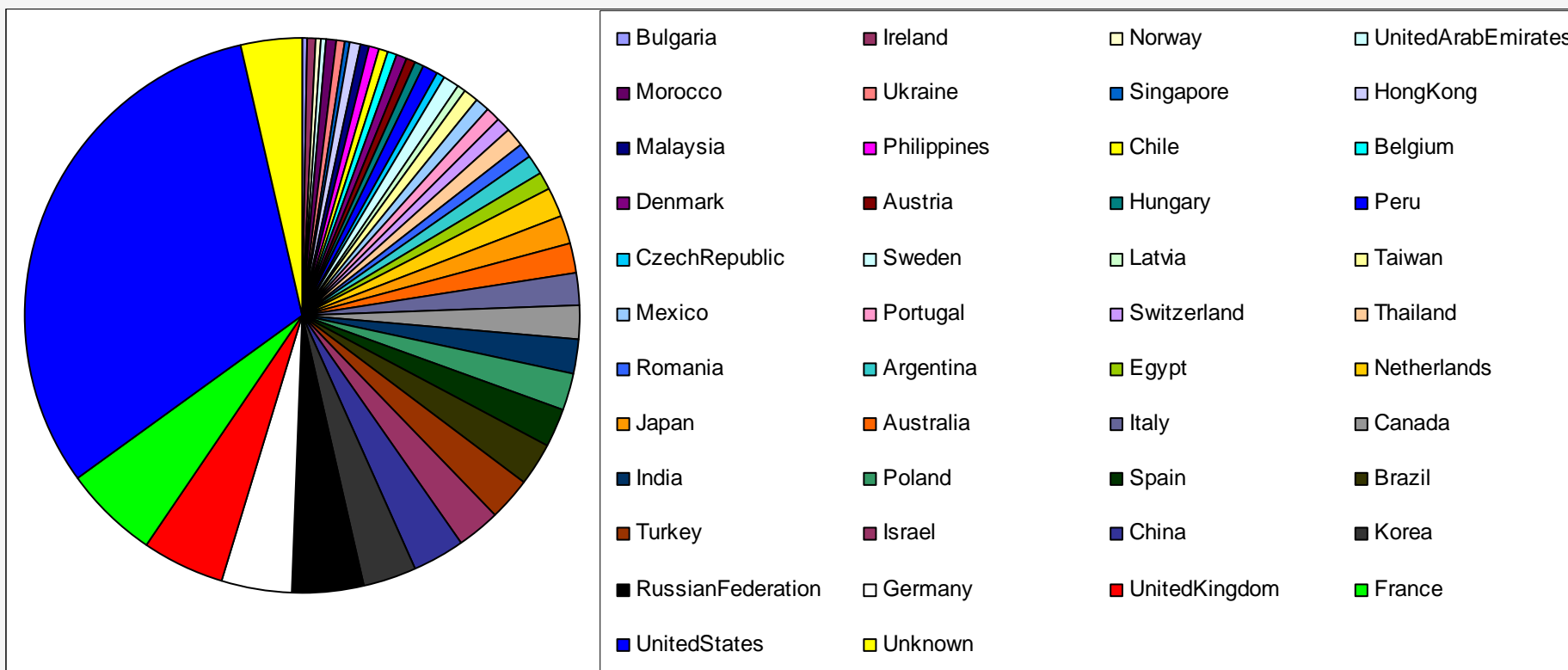
Incoming SMTP



Outgoing SMTP



Illegitimate connections (viruses, SPAM)



Illegitimate connections (viruses, SPAM)

Argentina	2781	Malaysia	1445
Australia	4915	Mexico	2262
Austria	1742	Morocco	1170
Belgium	1609	Netherlands	4443
Brazil	6652	Unknown	10158
Bulgaria	1011	Norway	1127
Canada	5707	Peru	1924
Chile	1554	Philippines	1509
China	8454	Poland	6227
CzechRepublic	1984	Portugal	2309
Denmark	1710	Romania	2744
Egypt	3861	RussianFederation	11894
France	16103	Singapore	1241
Germany	12327	Spain	6561
HongKong	1386	Sweden	2045
Hungary	1893	Switzerland	2560
India	5956	Taiwan	2244
Ireland	1041	Thailand	2673
Israel	7619	Turkey	7046
Italy	4965	Ukraine	1238
Japan	4749	UnitedArabEmirates	1159
Korea	8498	UnitedKingdom	13097
Latvia	2076	UnitedStates	89592

> 10000

10000-5000

5000-2000

2000-1000

VITA CERT - DDIRV

- Established in 2007
- Status – department of VITA
- Constituency – governmental institutions
- More info: www.ddirv.lv

The top banner features the word "CERT" in large, light blue, sans-serif capital letters on a dark blue background. To the right of the text is a decorative graphic consisting of a stylized, metallic-looking dragon or dragon-like creature with its mouth open, breathing fire. The dragon is positioned over a grid of squares in various shades of blue and black. The word "CERT" is also faintly visible in the background behind the dragon.

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CERT initiative

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CERT

All that is necessary for the triumph of evil is that good men do nothing.

Edmund Burke

Why to collaborate?

- Growing number of incidents
- Impossible to fight alone
- International pressure
- No team knows everything

First meeting

- 23 March, 2007
- Participants:

SEB unibanka

Hansabanka
Swedbank

LATNETCERT



VTA

DDIRV.LV
Datoru drošības incidentu reaģēšanas vienība

Telia, Nordea expressed interest

CERT

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Future plans

CERT initiative in Latvia

- Co-ordination of activities – hosted by NIC, IMCS UL
- Awareness raising
 - Campaigns
 - Banners
 - Best practise
- Portal: www.cert.lv
 - Contact details
 - Useful information
- Collaboration on incident response
- Co-operation with other organisations (LIKTA, Ministries, etc.)

Summary

- We welcome all initiatives!
- We are happy to help
- We are idealists...

The top banner features the word "CERT" in large, light blue, semi-transparent letters on the left. To the right, there is a smaller, faint "CERT" logo and a decorative graphic of a stylized tree or plant with spiky leaves. The background of the banner is a gradient of blue and white squares.

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Thank you!

If you have any questions, please do not
hesitate to contact us: *info@cert.lv*