



National CIRT - Montenegro



Ministry for Information Society and Telecommunications

“Regional Cybersecurity Forum”
Sofia, November 2016



CIRT ESTABLISHMENT

- Key Organizations in establishing Montenegro CIRT:
 - **Government of Montenegro** – Ministry for Information Society and Telecommunications
 - **ITU** – International Telecommunication Union
 - **IMPACT** – International Multilateral Partnership Against Cyber Threats



- Signing of the Administrative Agreement between Government of Montenegro and ITU, July 2011



CIRT-ME Services

- Incident Handling, Response and Coordination
- Security Advisories
- Awareness, Training & Education

CIRT-ME Constituency

- State authorities
- Government authorities
- Local authorities
- .me domain
- Montenegro IP address range





Roles and Responsibilities



CIRT Montenegro

Computer Incident Response Team www.cirt.me



Legal Framework

Training & Education

Hardware/Software

Cooperation



Legal Framework

- Law on Information Security (currently working on amendments)
- Administrative Agreement between Government of Montenegro and ITU, Readiness Assessment Report, National CIRT Project Documentation , User Requirement Specification
- CIRT Policies
- Detailed study on Government Agencies roles against cyber crime
- Cyber Security Strategy 2013-2017
- Methodology for Critical Information Infrastructure



Initial Training & Education

ITU supported trainings:

- Online training held by IMPACT
- Onsite training in Malaysia: “Developing and Implementing a CIRT Team”, held by IMPACT experts in 2012
- Onsite training in Montenegro - Incident Response training in Montenegro for representatives from different Government Agencies of Montenegro, held by IMPACT
- EC-Council (CEH) vouchers,





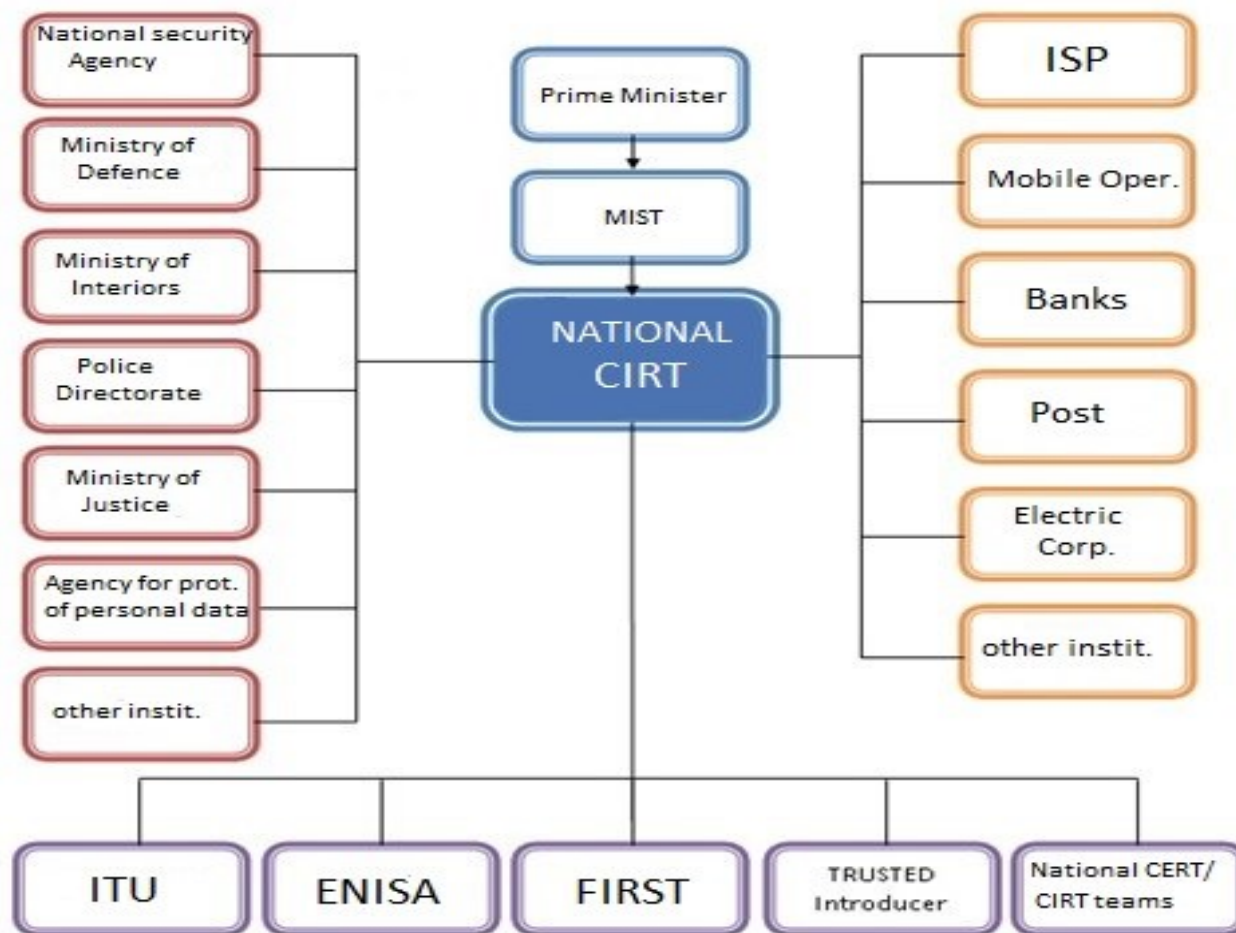
Implementation

- Implementation stage started in February 2012
- Publishing of www.cirt.me website and RTIR ticketing system, April 2012

The screenshot displays the CIRT Montenegro website interface. At the top left is the 'cirt.me' logo. A navigation bar includes 'CIRT-U', 'BIBLIOTEKA', and a search icon. The main content area features a large graphic of server racks and a tablet displaying a network diagram. A green box titled 'Izvor informacija' contains the text: 'Kao punopravni članovi mnogih međunarodnih organizacija nalazimo se na samom izvoru informacija.' Below this are two buttons: 'Prijavi Incident' (red) and 'Prijavi Sadržaj' (green). The page is divided into several sections: 'Sajber incident' with a description and a red 'Prijavi Incident' button; 'Nelegalni sadržaj' with a description and a green 'Prijavi Sadržaj' button; 'Najnovije vijesti' with three news items, each with a thumbnail and a title; 'Savjet nedelje' with a title and a description; and a bottom section with three video thumbnails and their titles: 'Surfuj Pametno - Facebook hakovanje', 'Gmail - zaštite svoj nalog', and 'Surfuj Pametno - Lociranje izgubljenog telefona'. At the bottom, there is a 'Naši partneri' section with logos for ITU, IMPACT, FIRST, and TRUSTED Introducer.



National CIRT Positioning





Cooperation with Government Agencies

National CIRT started the process of establishing local CIRT teams in Montenegro.

- Ministry of Defense,
- Ministry of Internal Affairs,
- Ministry of Justice,
- National Security Agency
- Directorate for the Protection of Classified Information
- etc.





Cooperation with Private Sector

Key Institutions:

- ISP,
- Mobile Operators,
- Banking Sector,
- Electric Power Industry,
- Montenegro Post office
- other institutions





International Cooperation

- ITU
- IMPACT
- ENISA
- TRUSTED Introducer
- FIRST
- CERT/CIRT Network





International Cooperation

CONFERENCE:

ITU, NATO, George C. Marshall European Center for Security Studies

Cyber security - global challenge of 21st century, Podgorica 2011





International Cooperation

TRAININGS:

ITU, IMPACT,

**Cyber drill in Bulgaria „ITU Regional Forum on Cybersecurity for Europe and CIS”,
October 2012**





International Cooperation

CONFERENCE:

GCSP, CCDCOE (NATO)

Development of National Cyber Security Framework Manual, Geneva October 2012





International Cooperation

WORKSHOP:

OSCE

„Computer crime”, Bar and Kolasin, June 2013





International Cooperation

WORKSHOP:

NATO, METU

„Cyber crime and terrorism”, Ankara, September 2013





International Cooperation

ACDC, september 2013





International Cooperation

TRAININGS:

ITU

Cyber Drill , Budva, Montenegro, september 2015





International Cooperation

TRAININGS:

Government of Romania, US embassy, ITU, ANCOM

- **Broadband for Sustainable Development, Bucharest, april 2015**
- **Regional cyber security summit, Bucharest, may 2015**





International Cooperation

WORKSHOP:

CISCO systems, US embassy in MN

Cyber threat defence – Podgorica, november 2015





Redesigned CIRT-ME Website

- Published in December 2014

cirt.me O CIRT-U ▾ BIBLIOTEKA ▾ 🔍

Nacionalni CIRT

Tim za odgovor na sajber incidente u Crnoj Gori

Sajber incident

Ukoliko smatrate da je došlo do sajber incidenta vezanog za vaš web sajt, društveni nalog, krađu identiteta, online prevaru i slično molimo vas da prijavite to ovdje.

[Prijavi incident](#)

Nelegalni sadržaj

Djeco i roditelji, ovdje možete prijaviti nelegalni sadržaj. Prijavite sadržaj kojim se na Internetu ugrožavaju dječja prava, zdravlje i dostojanstvo djeteta...

[Prijavi sadržaj](#)



Child Online Protection

Kako se podnosi prijava?

P odnošenje prijava vrši se putem formulara koji vidite na ekranu, u elektronskom obliku.

V alidna email adresa je neophodna prilikom podnošenja prijave. Na tu adresu stici ce vam verifikacioni link, nakon potvrde CIRT ce biti upoznat sa prijavom.

P rijave prikuplja i obrađuje crnogorski CIRT. Svaka prijava se obrađuje najkasnije 24 časa od vremena podnošenja.

Šta CIRT preduzima?

U koliko se radi o sadržaju koji je štetan i neprimjeren za djecu, ali nije nezakonit, dostavlja se obavještenje administratoru datog internet sajta o tome, sa zahtjevom da se izvrši procjena primjerenosti objavljenih materijala za djecu.

U koliko se radi o uznemirujućem sadržaju kojim se vrši povreda fizičkog ili psihičkog integriteta djece, naredni korak je da se utvrdi lokacija na kojoj se dati materijal nalazi.

Formular za prijavu nelegalnog sadržaja

Sva polja su obavezna

E-mail adresa

Link ka nelegalnom sadržaju

Šta želite da prijavite

- Seksualno nasilje
- Nasilje
- Govor mrznje
- Ostalo

Izvor sadržaja koji prijavljujete

- Website
- Društvene mreže
- Forum
- Mejl
- P2P - Torrent
- Ostalo

Dodatni opis

Ombudsman

P opuni prijavu na sajtu ombudsmana.

Klikom na sliku ispod otvoriće se novi prozor sa formom za prijavu.





Child Online Protection Awareness raising campaign: “Conquer Internet, Surf Wisely”



OSVOJI INTERNET
SURFUJ PAMETNO



Thank you for your attention!