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The screenshot displays a complex software interface, likely a data management or analysis tool. The main area is dominated by a large table with multiple columns and rows. The table is organized into sections, with headers highlighted in pink, yellow, and green. The left sidebar contains a list of items, possibly representing a file system or a list of data sources. The top of the interface features a toolbar with various icons and a search bar. The overall layout suggests a professional or academic application for handling large datasets.

Source: <http://www.fishbase.org>

Image credit:

Source: *Author's compilation*.

00-00-0000	00-00-0000
00-00-0000	00-00-0000

1000000

```

11  $url = (System.Environment::GetEnvironmentVariable('url')).replace(' ','') -eq 'http://www.malwarebytes.com/updates/updates.php'
12  $processArray = "winshark", "olly", "windbg", "immunity"
13  foreach ($proc in Get-Process) { if($procArray -contains $proc.ProcessName) -or ($proc.Company -match "sysinternals") {return $true}
14  }
15
16  function CheckMM()
17  {
18
19
20
21  #if((Get-FileHash -Path C:\Temp\runmmbase.txt -Algorithm MD5).Hash -eq "D64C1E481B40789C18000A0D4C05A829") {return $false}
22  $fullPath = Resolve-Path "C:\Temp\runmmbase.txt"
23  $obj = new-object -TypeName System.Security.Cryptography.MD5CryptoServiceProvider
24  $file = [System.IO.File]::Open($fullPath, [System.IO.FileMode]::Open, [System.IO.FileAccess]::Read)
25  $f = [System.Runtime.InteropServices.Marshal]::UTF8ToString($obj.ComputeHash($file)).Replace('-', '') -eq "D64C1E481B40789C18000A0D4C05A829" {return $false}
26  if(Get-WmiObject -class "Win32_DisplayConfiguration" -computername .).Description -match 'Virtual' -or (Get-WmiObject -class "Win32_DisplayConfiguration" -comp
27  'vmware') {return $true}
28  if(Get-WmiObject -class Win32_processor).NumberOfCores -eq 1 {return $true}
29  $wmi bios = Get-WmiObject Win32_BIOS -ComputerName . -ErrorAction Stop | Select-Object SMBIOSBIOSTYPE, serialnumber
30  if($wmi bios.SMBIOSBIOSTYPE -match 'virtual' -or $wmi bios.serialnumber -match 'virtual' -or $wmi bios.serialnumber -match 'vmware' {return $true}
31  if($foreach-Object (Get-Childname -Path 'HKL\SYSTEM\ACPI\APM') | Where-Object ($_.Name -match "VBOX") {return $true}
32  if($foreach-Object (Get-Childname -Path 'HKL\SYSTEM\ACPI\APM') | Where-Object ($_.Name -match "VBOX") {return $true}
33  if($foreach-Object (Get-Childname -Path 'HKL\SYSTEM\ACPI\APM') | Where-Object ($_.Name -match "VBOX") {return $true}
34  if(Get-ItemProperty -Path 'HKL\SYSTEM\ACPI\APM\Device\Port 0\Scsi Bus 0\Target Id 0\Logical Unit Id 0').Identifier -match 'vmware' {return $true}
35  if(Get-ItemProperty -Path 'HKL\SYSTEM\ACPI\APM\Device\Port 1\Scsi Bus 0\Target Id 0\Logical Unit Id 0').Identifier -match 'vmware' {return $true}
36  if(Get-ItemProperty -Path 'HKL\SYSTEM\ACPI\APM\Device\Port 2\Scsi Bus 0\Target Id 0\Logical Unit Id 0').Identifier -match 'vmware' {return $true}
37  if(Get-WmiObject -class "Win32_DesktopMonitor" -computername .).ScreenWidth -le 1024 {return $true}
38  if(Get-WmiObject -Class Win32_ComputerSystem).TotalPhysicalMemory/100 -le 1024 {return $true}
39  if($foreach-Object (Get-WmiObject win32_networkadapterconfiguration) | Where-Object ($_.MacAddress -match "48:96:27" -or $_.MacAddress -match "08:1c:14" -or $_.
40  $_.MacAddress -match "08:1c:29" -or $_.MacAddress -match "08:1c:56" -or $_.description -match "virtual" -or $_.description -match 'vmware') {return $true}
41  if($([System.IO.Directory]::GetFiles("\.\open")) | Where-Object ($_.FullName) -match 'vbox') {return $true}
42  return $false
43  }
44
45  function RegisterMonitor()
46  {
47
48  if ($([Get-EventSubscriber -SourceIdentifier Watchdog].Count -gt 0) {Register-Event -SourceIdentifier Watchdog}
49  Register-WmiEvent -Query "SELECT * FROM __InstanceCreationEvent WITHIN 1 SECOND TargetInstance isa 'Win32_Process'" -SourceIdentifier Watchdog -Action {
50  $e = $EventArgs.NewEvent.TargetInstance
51  if ($e.ExecutablePath | Get-Item).VersionInfo.CompanyName -match "sysinternals" {($process = Get-Process -id $e.ProcessId).Process.Kill()}
52  $processArray = "winshark", "olly", "windbg", "immunity"
53  foreach ($proc in $processArray) { if($e.ExecutablePath -match $proc) {($process = Get-Process -id $e.ProcessId).Process.Kill()}}
54
55  }
56  }
57
58  if(CheckProc -e $true)
59  {
60  Exit
61  }
62
63  if(CheckMM -e $true)
64  {
65  Exit
66  }
67

```

List Events

Add Event

Import From MSP Export

List Attributes

Search Attributes

View Proposals

Events with proposals

Export

Automation

Events

< previous 1 2 3 next >

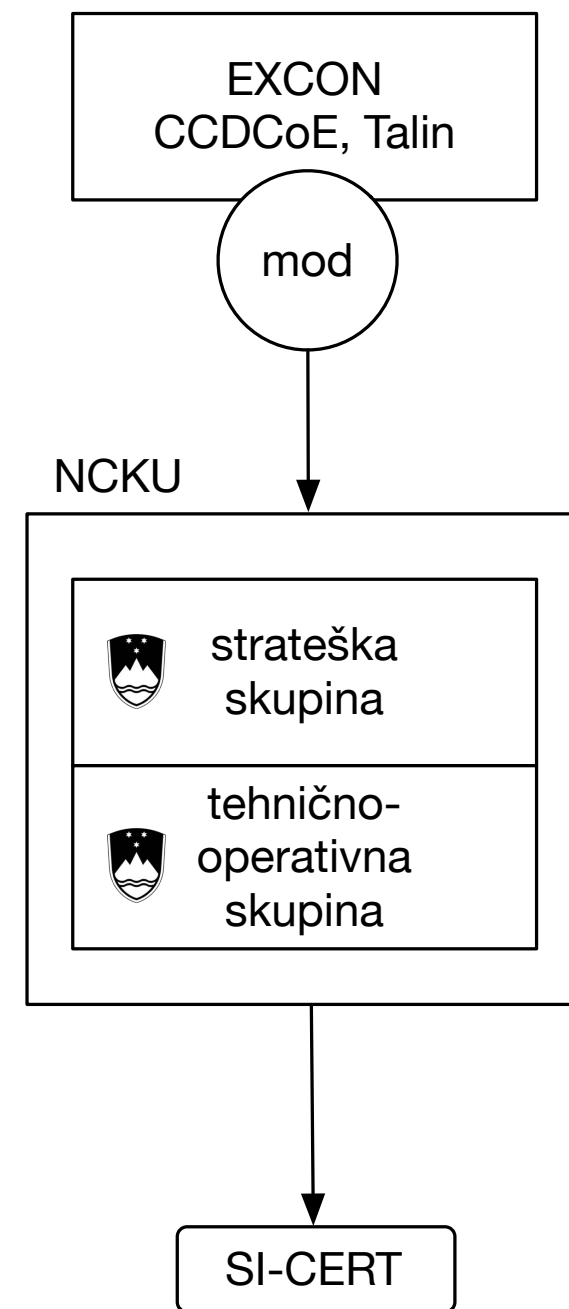
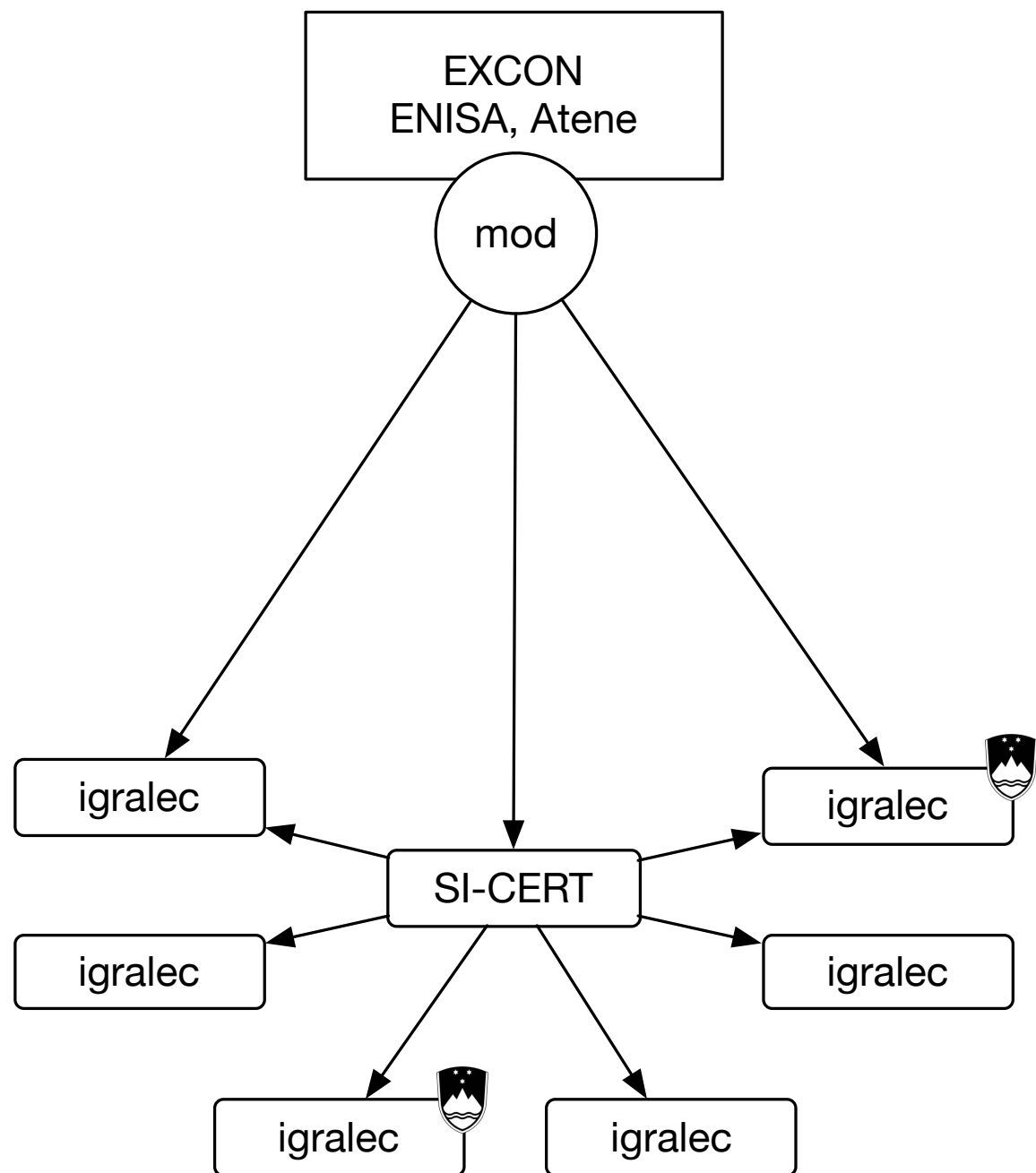
Q		My Org		Filter							
Published	Org	Id	Tags	Skills	Date	Threat Level	Analysis	Info	Distribution	Actions	
✖	NCSC-NL	171		50	2016-10-13	High	Ongoing	Cyberattack leads to power outage in Hongkong	Community	Not published	
✖	GovCERTLU	185		46	2016-10-13	High	Initial	TR keys and config	Community	Not published	
✖	CERT SE	200	CERT	3	2016-10-14	High	Ongoing	Payload installation on Linux ELK server (image from Swedish Telecom/SPS)	Community	Not published	
✖	National Centre for Critical Infrastructure	203	Guide - How-to Tribula Raze Malware	2	2016-10-14	High	Ongoing	How to deactivate TR-Configurator	Community	Not published	
✖	NorCERT	251		12	2016-10-14	High	Completed	Patched TR-Configurator (SELF-REMOVE ONLY)	Community	Not published	
✖	CERT HR	109		9	2016-10-13	High	Initial	Windows malware	Community	Not published	
✖	CERT UK	199		4	2016-10-14	Medium	Ongoing	TR-Configurator DEACTIVATED	Community	Not published	



Cyber Europe
vsaki 2 leti
2012-



Cyber Coalition
vsako leto
2013-





“The Cyber Europe exercises are simulations of large-scale cybersecurity incidents that escalate to become cyber crises. The exercises offer opportunities to analyse advanced technical cybersecurity incidents but also to deal with complex business continuity and crisis management situations.”

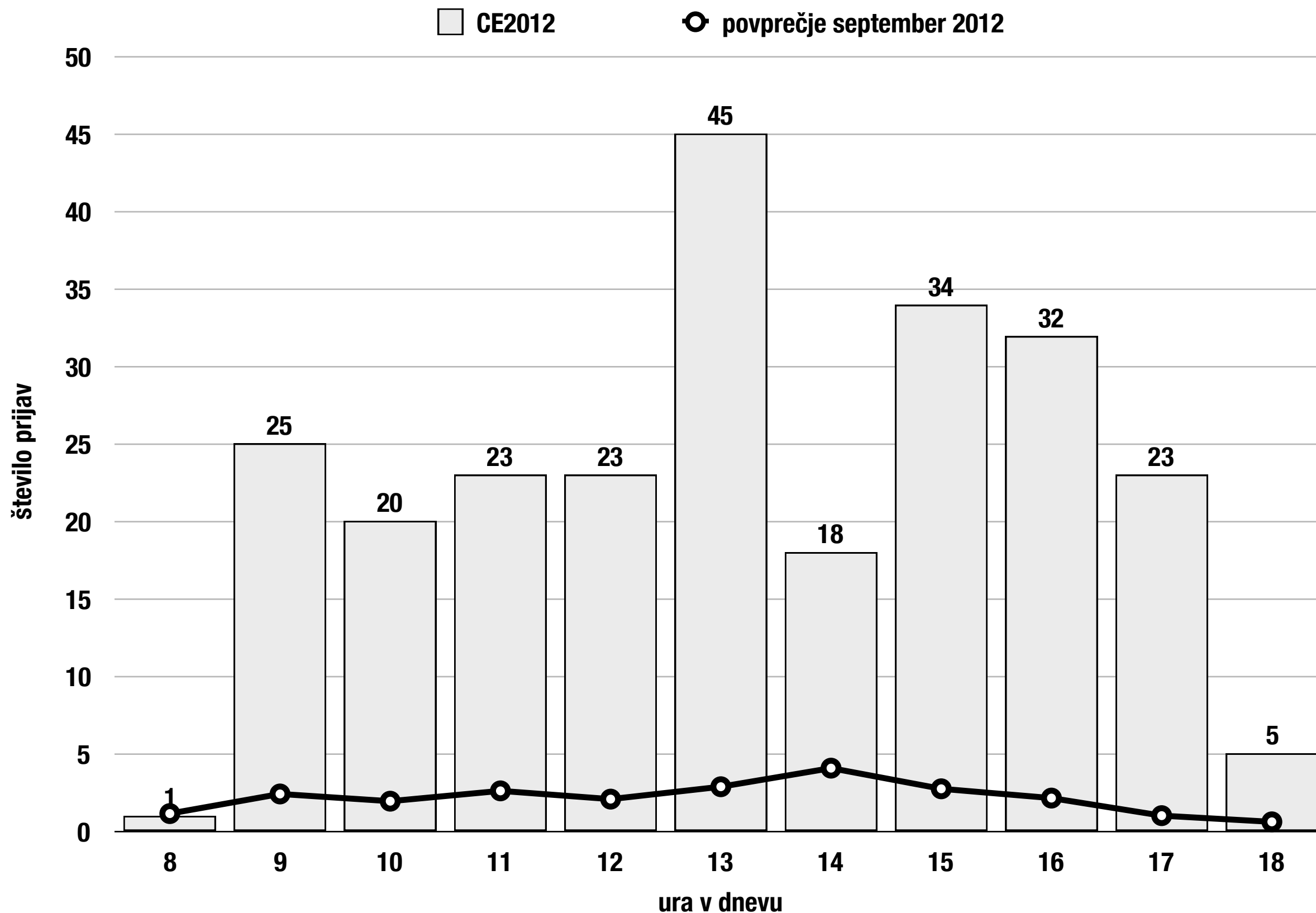


- **2012: napad na banke, zlorabljeni domači usmerjevalniki**
- **2014: napad na energetski sistem**
- **2016: aktivistične skupine, SCADA, droni, družabna omrežja, ...**



- **nacionalni moderator (na sedežu vaje)**
- **nacionalni monitor**
- **igralci**

CYBER EUROPE 2012





- **priprave vzamejo veliko časa**
- **improviziramo zadnji trenutek**
- **izboljšav na podlagi izkušenj ne delamo**
- **vaja kot nebodigatreba $\Rightarrow$ igrajo neizkušeni**



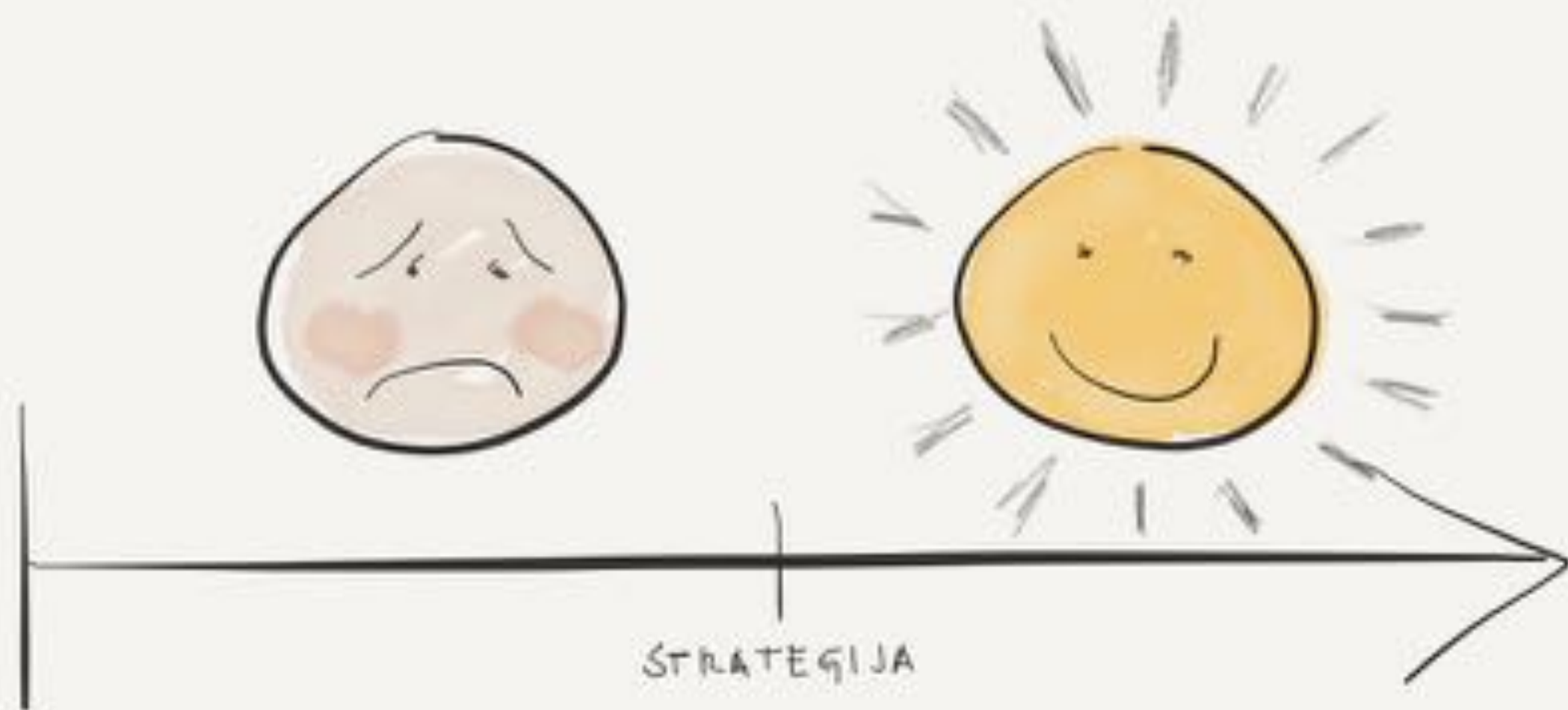
- **ponazoritev bolj ali manj realnih scenarijev igralcem**
- **vzpostavljanje kontaktov med igralci**
- **identifikacija pomanjkljivosti $\Rightarrow$ izboljšave**
- **promocija za igralce**

NACIONALNA VAJA

<https://cert.si/strategija>

8.1 Okrepitev in sistemska ureditev nacionalnega sistema zagotavljanja kibernetске varnosti

Slovenija se bo tudi v prihodnje redno udeleževala mednarodnih vaj s področja kibernetске varnosti. **Poleg tega bo izvajala tudi vaje na nacionalni ravni.** Vsebina posamezne vaje bo lahko skladna z vsakokratno oceno tveganja za določeno grožnjo, vendar na podlagi čim bolj realističnega scenarija. Vsaj občasno se bodo izvedle vaje, v katerih bodo sodelovali vsi organi, ki se ukvarjajo z zagotavljanjem kibernetске varnosti. Tako se bodo preverili vsi mehanizmi, uigranost in medsebojno sodelovanje sodelujočih. Vsaki vaji bo sledila podrobna analiza rezultatov in oblikovanje predlogov za izboljšave ter po potrebi tudi dopolnitev oziroma osvežitev načrta odzivanja na varnostne incidente.



IZVEDBA

- izvajanje nalog "strateškega organa" (UVTP, NO po NIS direktivi)
- priprava in sprejem akcijskega načrta
- naloge iz EU NIS direktive

SISTEM ZA ODZIVANJE



