Respect
Respecto
Respekt,
إحترام
尊敬
존경
Σεβασμός
Rispetto
点
Eerbied
Respeito
Уважение
Respekt

GENEVA SOLUTIONS

GLOBAL FORUM 2009

PARLIAMENT PALACE . BUCHAREST . ROMANIA

UNMATCHED SECURITY INTEGRATORS

DEVELOPERS . ARCHITECTS . ENGINEERS


EVERYBODY
LIES!


GENEVA SOLUTIONS
Who R we?

Qualified

CISA
Certified Information Systems Auditor

CISM
CERTIFIED INFORMATION SECURITY MANAGER

Lead Auditor 27001

CERTIFIED INFORMATION SYSTEMS SECURITY PROFESSIONAL
CISSP

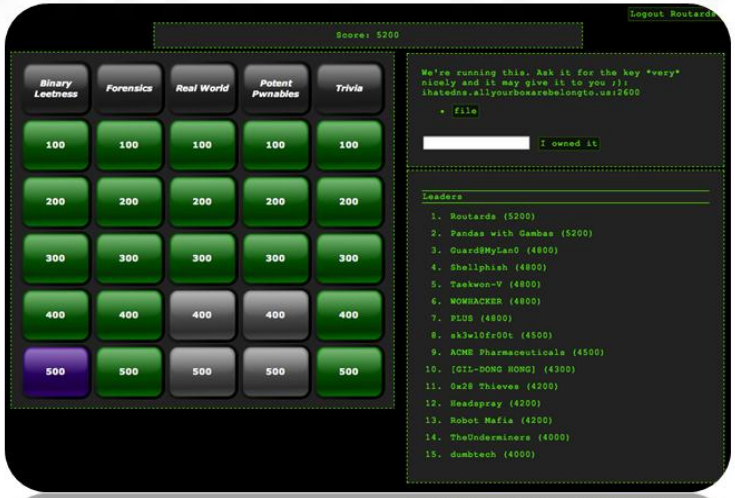
CompTIA
Security+™ Certified

Non exhaustive list of recognised certifications relating to information security system which we have!


GENEVA SOLUTIONS
NO !!!

Highly Qualified

Elite
of developers



2008
Quals
WINNER

2008 vice-champion

2009 vice-champion

for 4 years in a row, our “Routards” team is amongst the **top 10** best world teams at the Las Vegas mythic hackers contest
Capture the Flag of the DECFON
Vice World-Champion 2008 after the NSA
Vice World-Champion 2009


GENEVA SOLUTIONS
Who I am ?

Bob Marley

marley.bob@jamaicans.com

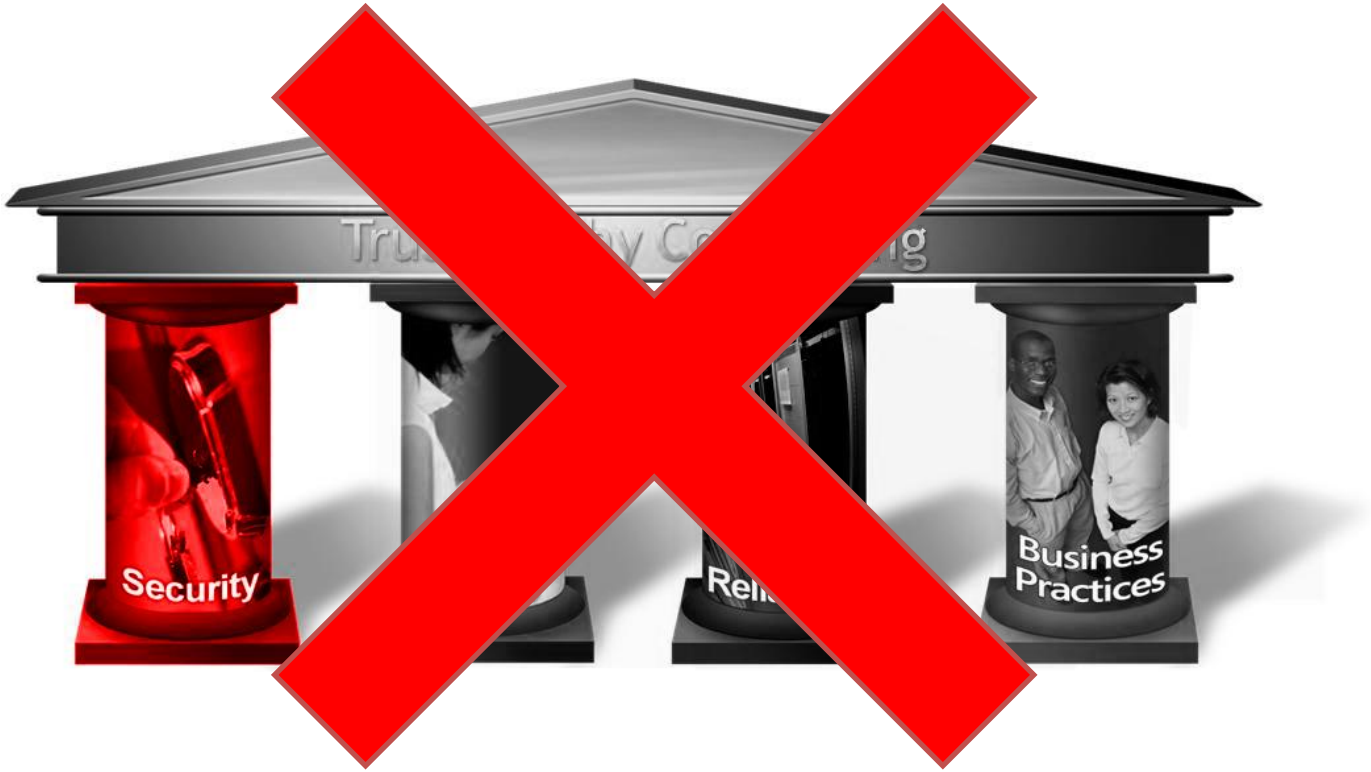

GENEVA SOLUTIONS
Facts

FACT - I eGov It’s a highway to hell...

FROM IDEA TO FUNCTIONALITY

FACT - II

DEALING WITH CONFIDENTIALITY, INTEGRITY, DISPONIBILITY, PRIVACY



FACT - III

DO YOU THINK YOU'RE RIGHT ?

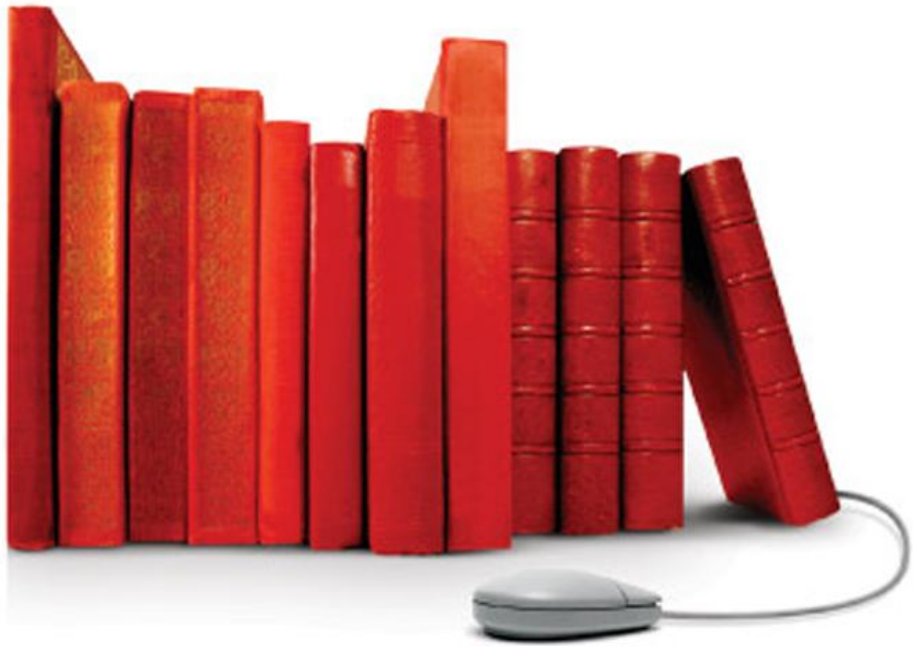
Start Q&D Development

- Develop an application:
  > everybody knows how to do!

- Develop a secured application:
  > some knows how to do...

- Develop a secured web application, with quality and efficiency:

  > hummmm...!



SSL (Secured Socket Layer) is today the standard commonly adopted to transactions security but it remains permissive and suffers from serious gaps of implementation which goes against several fundamentals security principles.

Using SSL over HTTP, **you leave to the browser the most critical steps** to initiate the encrypted communication with the e-service, including numbers generation, the choice of the session key (including its length), the algorithm use and so one.

Furthermore, the **fundamental base** in **cryptography** is the need for **Randomness** but computers are completely deterministic…

So, you don't have any control of these fundamentals security elements, there is a serious security issue!

SSL TRUTHS

SSL[ed]

…the sad truth of these undetectable “man-in-the-middle” attacks against SSL.

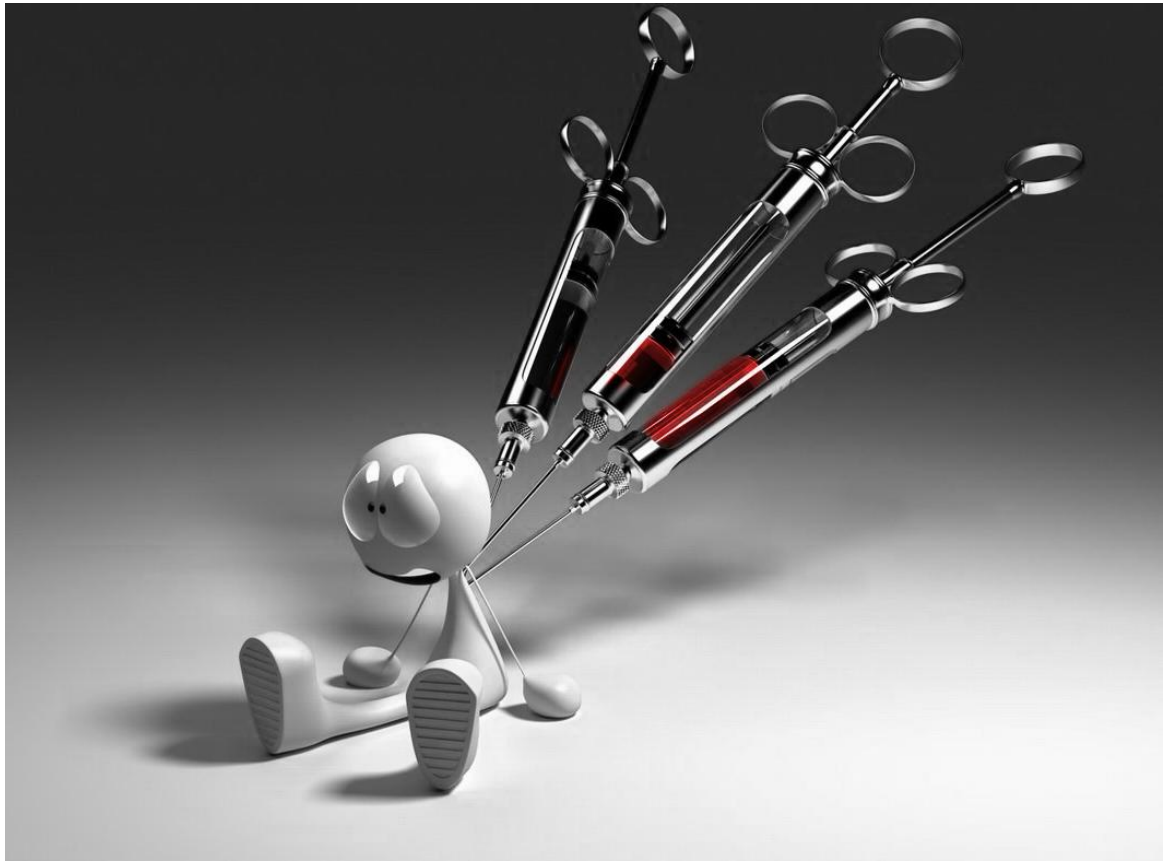
Interception and modification on the fly are easily performed today.

http://www.nouvo.ch/128-3

MORE PROOF

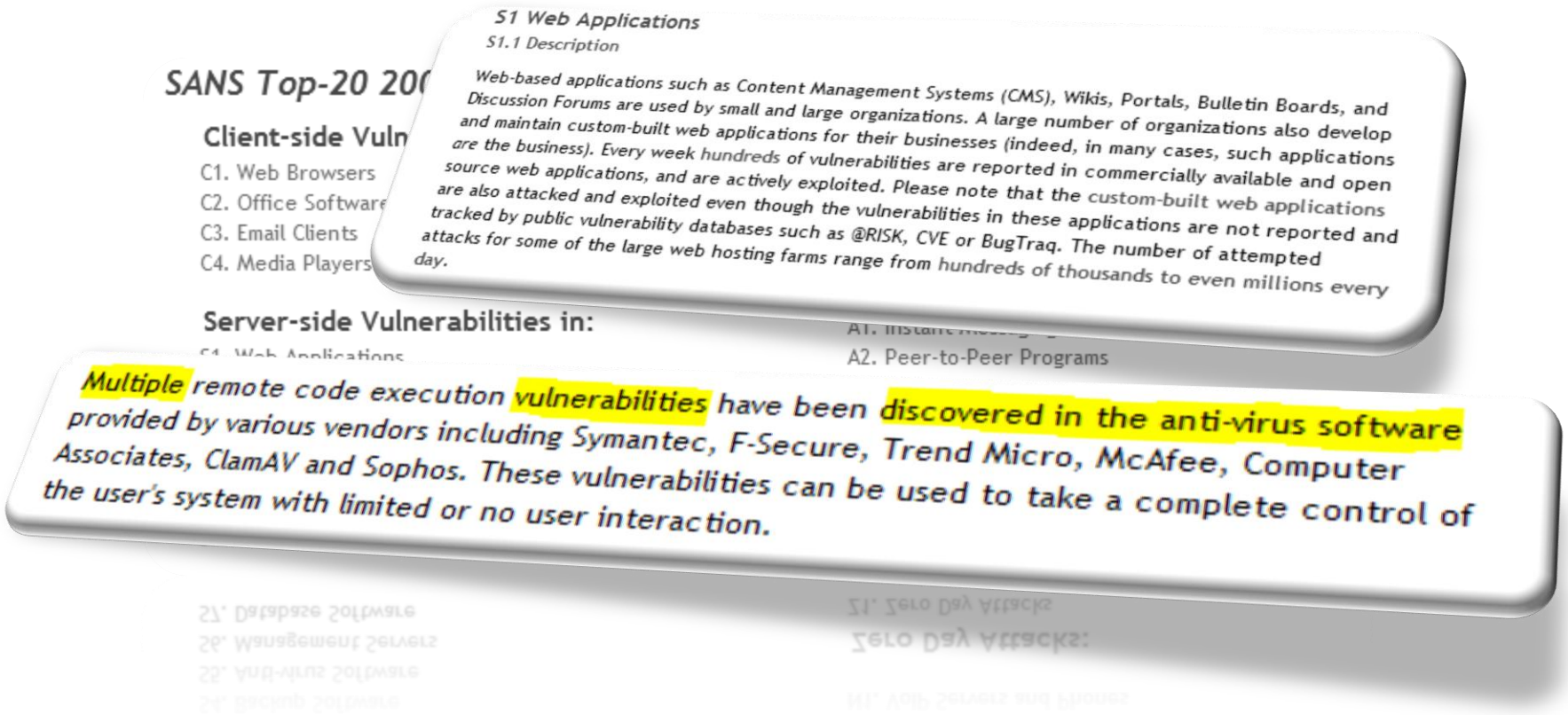
FACT - V

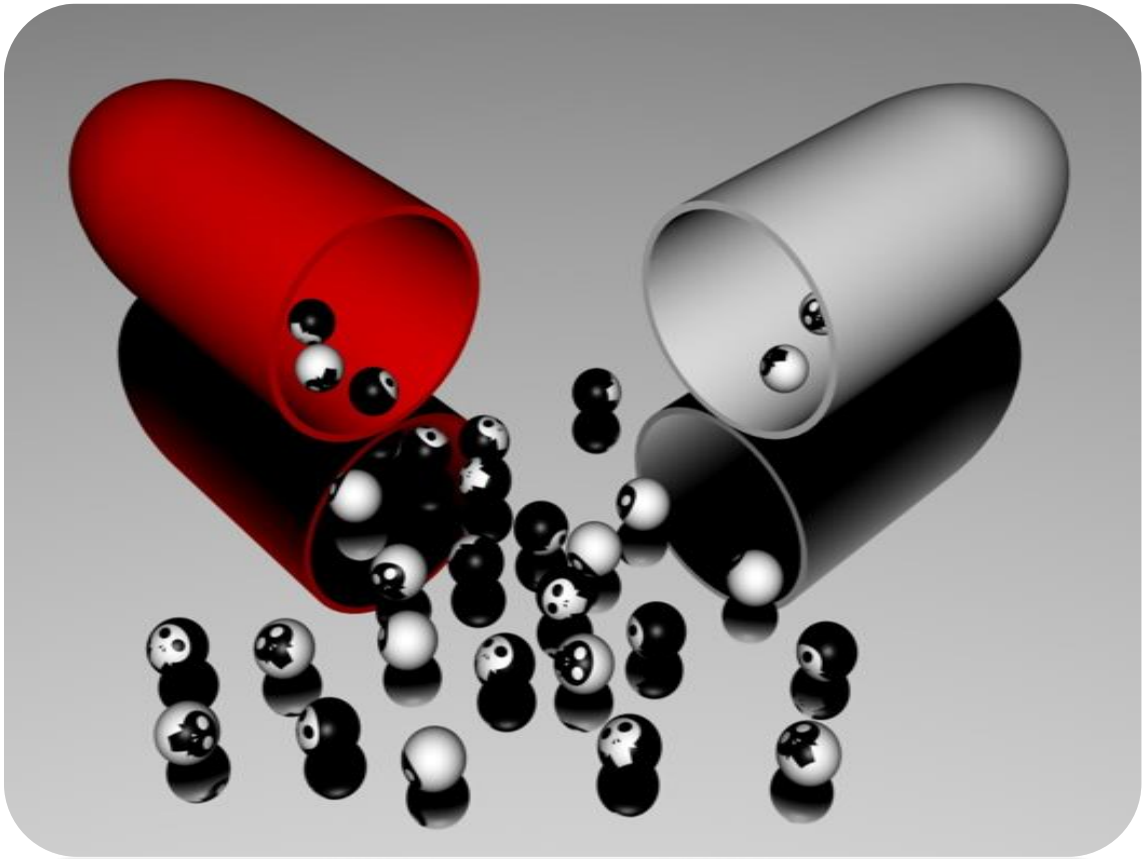
SIEVE - WARE



SELF-MEDICATION

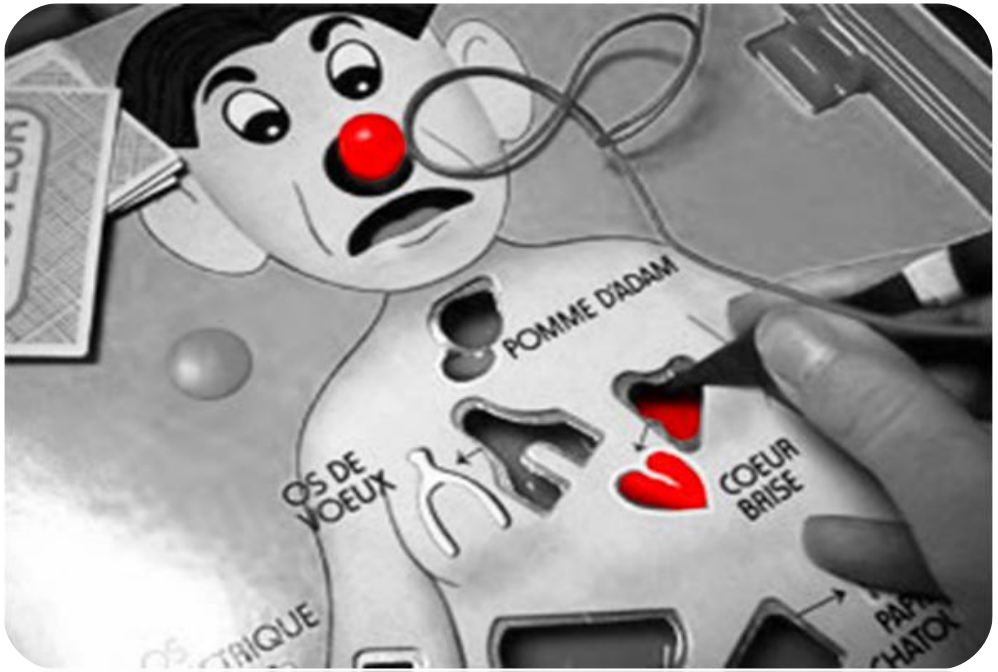
REAL WORLD


S1 Web Applications
S1.1 Description
Web-based applications such as Content Management Systems (CMS), Wikis, Portals, Bulletin Boards, and Discussion Forums are used by small and large organizations. A large number of organizations also develop and maintain custom-built web applications for their businesses (indeed, in many cases, such applications are the business). Every week hundreds of vulnerabilities are reported in commercially available and open source web applications, and are actively exploited. Please note that the custom-built web applications are also attacked and exploited even though the vulnerabilities in these applications are not reported and tracked by public vulnerability databases such as @RISK, CVE or BugTraq. The number of attempted attacks for some of the large web hosting farms range from hundreds of thousands to even millions every day.
SANS Top-20 20
Client-side Vuln
C1. Web Browsers
C2. Office Software
C3. Email Clients
C4. Media Players
Server-side Vulnerabilities in:
A2. Peer-to-Peer Programs
Multiple remote code execution vulnerabilities have been discovered in the anti-virus software provided by various vendors including Symantec, F-Secure, Trend Micro, McAfee, Computer Associates, ClamAV and Sophos. These vulnerabilities can be used to take a complete control of the user's system with limited or no user interaction.



FACT - VI

> THE CURE IS OFTEN WORSE THAN THE DISEASE !



FACT - VII

SECURITY IS NOT A GAME FOR US

C H I V O X T E A M

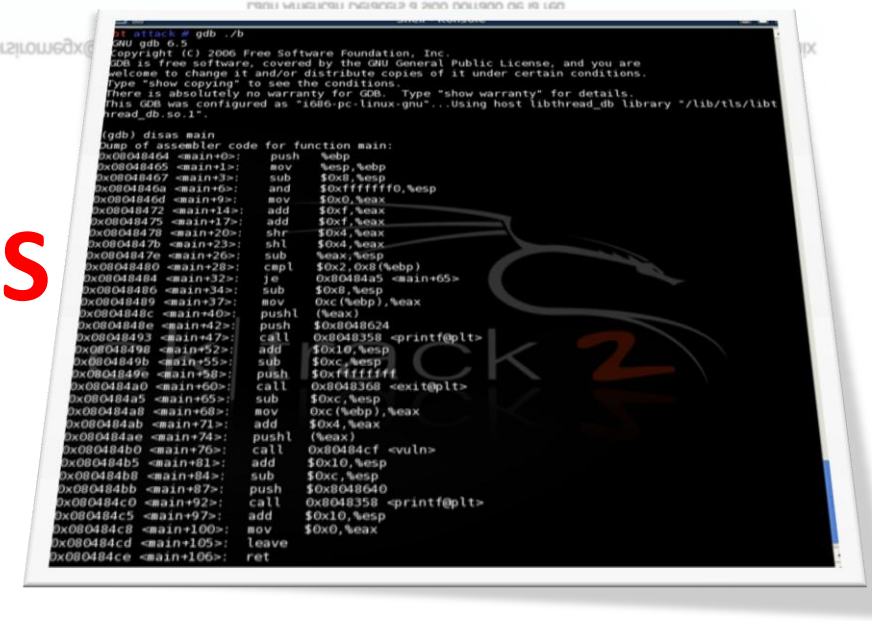
xlorsiromegx@diosdelared.us - alfa@diosdelared.us - freakhacked@oxvruk.li - white Shark - Phoenix

(somos whitehack - no apoyamos a los lammers - fuck Latin American Defacers)

Latin American Defacers a sido borrado de la red

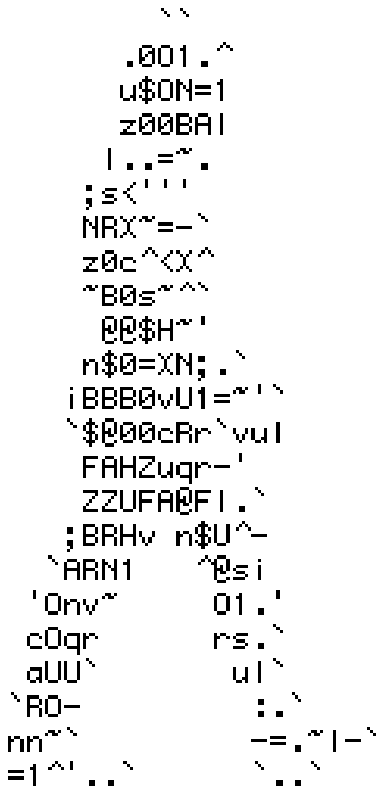
FACT - VIII

BUT FOR THEM YES



FACT - IX

AND THEY ARE AHEAD



THEY REALLY UNDERSTAND THE DIGITALISED WORLD ☺

Mastering the Technologies

of the New Communication Age

GENEVA SOLUTIONS

THANK-YOU

victor.desa@gs-sa.ch

PERFORMANCE · INNOVATION · SECURITY · COMPETENCE · DISCRETION