

# Grant Thornton Forensic & Investigation Services

#### about Grant Thornton

#### about your speaker

law enforcement

- Offices in over 100 countries
- Forensic & Investigation Services units in about 40 countries (e.g. US, Canada, UK, Netherlands, India, Hong Kong, )
- Also called "the lean fifth"

Mark Hoekstra,

Partner

Forensic & Investigation Services

Office	Rotterdam (The Netherlands)
Phone	+31 (0)10 270 5111
E-mail	mark.hoekstra@gt.nl

#### Background

1989 – 2000

- national and international
- fighting organized crime
- setting up unit fighting child pornography on the internet and initiating international cooperation
- involved in creation of cyber cop/high tech crime units
- assisting setting (inter)national standards

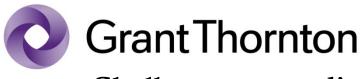
#### 2000 – present private sector

- founded various forensic technology/investigative companies
- specialized in leading complex (inter)national investigations
- specialized in forensic readiness issues
- expert witness
- lecturing and involved in development of educational programs
- daily involvement in actual investigations



## The goal for the next hour: giving food for thoughts, giving thoughts for solutions

- **Challenges regarding cross border investigations**
- **D** Public Private Cooperation in cross border investigations
- **Technical challenges today and in the future**
- **The growing need for forensic readiness**

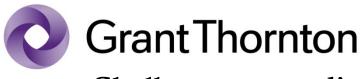


Challenges regarding cross border investigations

Legal topics

- **D**ata and privacy protection
- **Tax laws**

- **Civil seizure**
- **Admissibility of evidence**



Challenges regarding cross border investigations

**Practical topics** 

- **Culture**
- □ Language
- **Time zones**
- Planning



- ✓ Challenges regarding cross border investigations
- **D** Public Private Cooperation in cross border investigations
- **Technical challenges today and in the future**
- **The growing need for forensic readiness**



Public Private Cooperation in cross border investigations

### **STATEMENTS**

# Public Private Cooperation in cross border investigations does not exist at all

When for example Dutch government approves and acknowledges results of non governmental investigations being the start of a public prosecution case then it could be a big problem getting this case admissible for a German court?

# Still, public and private are not able to join efforts in creating methods and techniques

For example Europe spends a lot of money on EU subsidized programs, are results being used and further developed by either public or private? Do they join effort there? A lot of law enforcement agencies reinvent the wheel over and over.



Public Private Cooperation in cross border investigations

## Question

Is there a need for public private cooperation or should we just accept that these two worlds exist besides each other?



- ✓ Challenges regarding cross border investigations
- ✓ Public Private Cooperation in cross border investigations
- **Technical challenges today and in the future**
- **The growing need for forensic readiness**



Technical challenges today and in the future

- □ The normal challenges like size, speed, costs etcetera
- **Evidence from cloud environments**
- □ Issues related to identity theft
- Access to your own outsourced data
- □ Standard encryption
- Anti forensics



Technical challenges today and in the future

- □ In 5 years a standard pc contains 5TB of storage
- □ In 5 years hardly any company data is still stored locally
- □ In 5 years computers will be 5 to 10 times faster
- □ In 5 years public and private will still not really cooperate
- □ In 5 years the Forensic IT market will be 20 times bigger
- In 5 years "cyber" destruction and identity theft will be the big problems
- □ In 5 years I will find out that my predictions where unreliable



- ✓ Challenges regarding cross border investigations
- ✓ Public Private Cooperation in cross border investigations
- ✓ Technical challenges today and in the future
- **The growing need for forensic readiness**



The growing need for forensic readiness

All the issues mentioned until now motivate that there is a growing need for Forensic Readiness.

If we don't manage that data will still be available in a forensic solid way then the "good guys" will lose from the "bad guys"

Legislation, procedures, privacy protection, anti forensics, standard encryption, floating storage environments, legal safe heavens, ..... are a big threat to effective and efficient investigations



- ✓ Challenges regarding cross border investigations
- ✓ Public Private Cooperation in cross border investigations
- ✓ Technical challenges today and in the future
- $\checkmark$  The growing need for forensic readiness

#### questions – remarks

! get the best out of this conference and don't stop discussing !