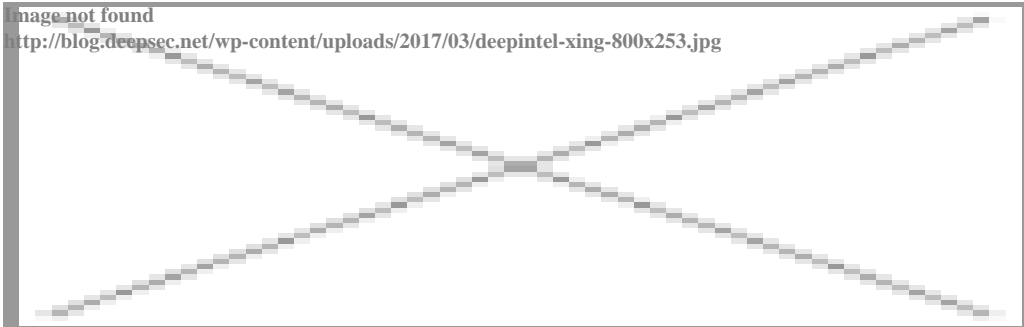


# DeepINTEL 2017 – Modern Strategies for Information Security

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## **Seminar on Digital Defence with Experts.**

The news is full of reports covering attacks against networked systems and digital components. Every day there is new media coverage about stolen data, compromised accounts, the impact of malicious software, digital second strikes, cyber attacks between countries and new vulnerabilities in computer systems. All that leads to the impression that in the modern digital world we are almost helplessly vulnerable to attacks. Clever entrepreneurs benefit from the general uncertainty and sell countermeasures in the form of security software or other components, which, according to their praise, once installed will kill off every threat automatically. But the media don't show the whole picture – hardly any report on "hacker attacks" could be called a realistic depiction of [real life events](#). The consequence? It is not possible to build an effective strategy for your own information security based only on media reports and promises of clever vendors. Digital defence is as individual as fire protection or physical measures against burglaries – there is no standard solutions, no one-size-fits-all. What about the security of your own data? Do you know about the risks that may affect you and about the vulnerabilities of your company?

At [DeepINTEL](#) you have the opportunity to strategically reflect upon your digital protection. The seminar provides a platform for security officers and experts from threat analysis to work together on strategies for digital defence. Strategies from which you directly benefit as participants.

## **Security Intelligence and Knowledge**

The current practice of companies when it comes to information security consists of protection by the catalogue of measures and security components from the vendor's tray of the IT security industry. The ones, who really want to be sure, may additionally take a look at the end-of-the-year review or the trends for the upcoming year. However, this approach is completely out of touch with reality – many companies simply do not know which risks affect their own business. A real threat analysis and a thorough judgement of your opponents is the most important component of a good defence! Yet, it is often sadly lacking. Instead, protective devices are used according to their advertised abilities, often without accurate background knowledge about how and from which attacks one should actually be protected by the acquired safety components. But the necessary information would be easy to access, if you know how to, usually it is already available. Your company's own operating data and a structured analysis of previous safety-related events are the way to improve your security. The magic word? "Security Intelligence". The structure of your security measures must be based on facts and built methodically correct. To establish a functioning security infrastructure documented threats, data of your own

infrastructure, actual dangers and appropriate indicators for a security incident have to be taken into account.

The DeepINTEL conference provides a platform for security officers and experts from the threat analysis to work together on strategies for digital defence. Security Intelligence is interdisciplinary and requires experience in analysis beyond the pure application of statistics. The flow of data, communication, the right metric, sure indicators for a break-in, the appropriate evaluation, or the correct deconstruction of IT into its individual parts must be carried out by experts. You can find this expertise at DeepINTEL.

### **Big data without content is no solution**

Machine learning or Big Data are often used as buzz words to conceal ones own deficits. But with big words alone you can't score points when it comes to IT security. You have to examine your own infrastructure and look for meaningful metrics. It is not about plenty, it's about the right data records. Anyone who blindly analyzes data, misses the relevant threats. Even the best algorithms have to be used correctly. A methodological approach is very important. Perceived threats can not be measured and inevitably lead to security nihilism, a sentiment also easily evoked by reading the latest articles of everyday IT news.

Of course one has to draw attention to existing threats. But never forget that the side of the defence knows best about its own infrastructure and digital treasures. If you don't use this advantage, you do your opponents an invaluable service.

### **IT Security with Security Intelligence**

What difference does Security Intelligence make for your IT? How do you incorporate its insights and knowledge into your own security system? The customary opinion among many service providers will lead you to coloured product palettes, supposed to do everything for you automatically. But in the real world, apart from the exhibitions and fairs where these solutions are presented, it's not that easy. First of all, you need a clear picture of your infrastructure and reliable metrics, which provide information about the state of your own security. From this data, a picture emerges, on which the actual security strategy can be built upon. Digital defense is as individual as fire protection or physical measures against burglary. You won't screw sensors on the walls at random and hope you cover the neuralgic points. You only get meaningful measurements when you focus on the critical points - and know how to find them.

The DeepINTEL conference would like to provide a platform for both experts and users to exchange ideas about methods of security intelligence. Modern information security is interdisciplinary because IT evolved into so much more since the days of mere electronic data processing of the 1960s. Delegation in the form of outsourcing only shifts your problems and makes you blind to threats. At the DeepINTEL, you have the opportunity to strategically reflect upon your digital protection.

The DeepINTEL conference will take place on the 21 & 22 September 2017 at the Imperial Riding School Renaissance Hotel in Vienna, Austria.

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