RSAC Studio

Predictive Techniques to Catch Insider Threats Before they Become Criminals



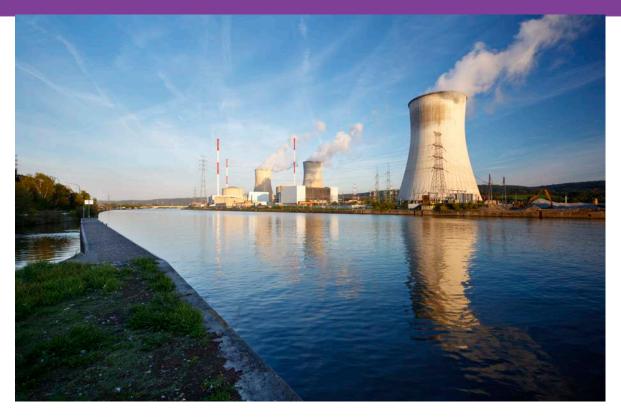
Dawn M. Cappelli

Vice President, Information Risk Management Rockwell Automation @DawnCappelli



Why I'm Here

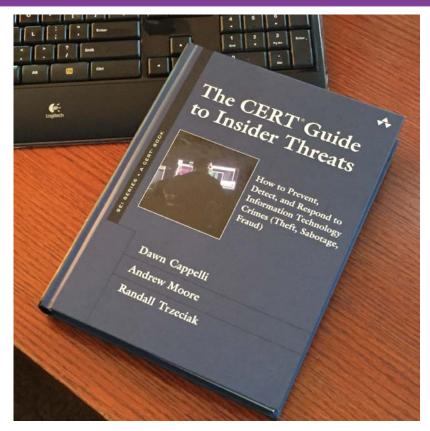






Why I'm Here







Actual Insider Cyber Attacks









SCADA

MEDICAL

TELECOMMUNICATIONS



Rockwell Automation Industries





Automotive



Beverage



Entertainment



Fibers & Textiles



Food



Household & Personal Care



Infrastructure



Life Sciences



Marine



Metals



Oil & Gas



Semiconductor & Electronics



Power Generation



Print & Publishing



Pulp & Paper



Mining, Minerals & Cement



Tire & Rubber

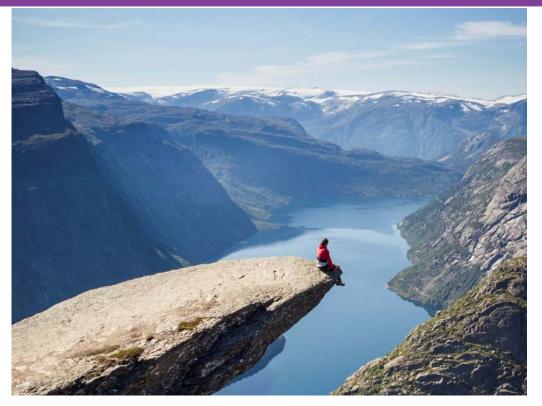


Water Wastewater



Insider Cyber Sabotage Risk Management No Longer Unchartered Territory!







January 2016: Changing Threat Landscape



City on alert amid terror arrests

IS THREAT Dozen suspects held for planning R-Day attacks across country

HT Correspondents

NEW DELHt Authorities issued an alert in Delhi on Friday after the driver of a taxi allegedly hijacked near the scene of a recent terror attack on Punjab's Pathankot airbase was found murdered, sparking security concerns amid a nation-wide crackdown by the NIA on alleged Islamic State militants.

Delhi Police released photos of suspects and vehicle details through their Twitter handle saying the Maruti Alto was hired by three unidentified men on January 20. The driver, Vijay Kumar, was later found dead in Himachal Pradesh's

SPECIAL

Kangra district, officials said.

The alert came amid heightened security across the nation ahead of Republic Day celebrations to be attended in Delhi by French President Francois Hollande as chief guest, months after his country was hit by a series of coordinated terror attacks claimed by the IS.

The National Investigation Agency arrested or detained over a dozen people, including the self-appointed India head of IS, during raids in Karnataka, UP, Andhra Pradesh and Maharashtra that sources said blew the lid off a sweepingnetwork of the terror group with plans to carry out blasts here.

撤销集拿种人

Army troops stand guard outside Rashtrapati Bhavan after Republic Day rehearsals on Friday. ** P4.5* VIRENDRA SINGH GOSAIN / HT

in Himachal Pradesh's CONTINUED ON PAGE 6

ARE WE READY FOR ANOTHER PATHANKOT?

The men and machines at the heart of the anti-terror mechanism clearly need urgent training and upgrade if security forces have to gain an upper hand over terrorists who strike at will

morestories

Salwinder Singh comes out clean in lie-detector test

The Punjab police officer, who was allegedly abducted by the Pathankot attackers, aced the polygraph test, home ministry sources said. Raids on his residences also did not turn up anything suspicious

Shahnawaz gets 'threat' letter

A letter, claiming to be from Islamic State, questioned BJP leader's association with the party and labelled him infidel PT1

KVs shut, security beefed up in univs

HT Correspondents

* letters@tendustantimes.com

NEW DELHI: Kendriya Vidyalayas in air force stations in and around the Capital will remain closed till January 27 due to secu rity concerns that also saw DU and JNU up their guard.

The schools remained closed or Friday after a notice said the stey was being taken due to threat per ception. The decision, said source came after Border Security Force and Indian Air Force officials me the schools principals.

Delhi University at Jawaharlal Nehru Universi too, have tightened security, wa advisories asking for guat to be posted at all entry ga and not allow in unauthoris persons. Vehicles entering sprawling campuses are a being checked.



The New Threat: Technical Terrorists



The alleged chief, or Ameer, 34-year-old Munabeer Mushtaq from Mumbai, is a software engineer

Sheikh, a trained web designer from Thane Polytechnic, was radicalised over the internet in the past two years

Prediction is Critical







What is Prediction?



to foretell with precision of calculation, knowledge, or shrewd inference from facts or experience

-- dictionary.com



Two Methods of Prediction





Prediction: Insider Cyber Sabotage





Key to Prediction













Prediction: Insider Theft of Information





Key to Prediction









Key to Scalability: Automation





Success is Critical!







Contact Information



Please direct comments and questions to:

Dawn Cappelli

Vice President, Information Risk Management Rockwell Automation

+1 414-323-0404 dmcappelli@ra.rockwell.com

