

## — INSIDER THREAT ASSESSMENT —

### “INSIDERS ARE THE #1 REASON OF SECURITY BREACHES”

Insiders have proven to be one of the biggest reasons for security breaches in recent times. Be it accidental or malicious, insider security breach can be most damaging.

Ed Snowden showed how even the most powerful and secretive organizations in the world are susceptible to insider threats

There are other cases of bank employees stealing customer data and releasing it to government authorities.

While the above motives may be debatable, most of the times, insider data breach occurs for personal gain.

### TYPES OF INSIDER THREATS

The key types of insider threats, both malicious and unintentional are:

- System sabotage
- Theft of assets and data
- Introduction of bad code
- Introduction of malware
- Unauthorized hardware and software
- Social engineering
- Accidents



(Source: Key to the Kingdom: Monitoring Privileged User Actions for Security and Compliance by Dave Shakleford, SANS, 2010)

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### MITIGATING INSIDER THREATS

In order to mitigate the risk of insider threats, it is important that organizations implement both non-technical and technical controls. Some of these controls are:

#### Non-technical

- Policies and procedures
- Annual background checks
- Security Awareness

#### Technical

- Segregation of duties
- Access controls
- Password policies
- Monitoring of privileged access
- Remote access monitoring



### HOW CONFIDIS CAN HELP

Confidis has developed a **comprehensive INSIDER THREAT ASSESSMENT service**. The assessment includes:

- Understanding existing policies and procedures
- Mapping the policies and procedures against global good practices
- Providing recommendations to mitigate insider threats

In addition, we can also implement our recommendations. For example; we can conduct Insider Threat Awareness Programs, implement mitigating IT controls

**About Confidis:** Confidis ([www.confidis.co](http://www.confidis.co)) is a company based in India that works at the **intersection of business and technology**. We work with startups to large mature organizations and take pride in adding real value.