

# VISTA Insider Threat Taxonomy

The Dodo doesn't know how to behave securely. They are unaware and likely to become an insider threat.

## Blissfully Ignorant Dodo



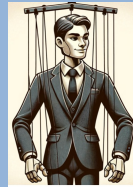
Fallible humans can be deceived by a cyber criminal or make mistakes because they are tired or burnt out.

## Fallible Frog



A marionette's movements are constrained & controlled by existing sets of rules which cannot address the Gen AI threat

## Disempowered Marionette



Renaud, K., & Warkentin, M. (2024). The insider threat zoo. *Computer Fraud & Security*, 2024(5).

## Insider Threat Types



## Whistleblowing Dolphin

The whistleblower acts from an inner moral compass in the face of unethical behaviours



## Misbehaving Magpie

The misbehaving insider might be insatiably curious and is challenged by the security rules.



## Ideologue Ant

Ideologue insiders serve an ideology, so policies do not deter them.



## Malicious Mamba

The malicious mamba decides to hurt the organisation to retaliate.

# VISTA Insider Threat Taxonomy

Retrain and ensure that the concepts are understood

## Blissfully Ignorant Dodo



Provide support and understanding, and if the cause is burn out or overload, address the situation

## Fallible Frog



Abandon unthinking faith in rules: help employees to contemplate a whole new kind of threat fuelled by generative AI

## Disempowered Marionette



## Insider Threat Mitigations

Renaud, K., Warkentin, M., Pogrebna, G., & van der Schyff, K. (2024). VISTA: An inclusive insider threat taxonomy, with mitigation strategies. *Information & Management*, 61(1), 103877.



## Whistleblowing Dolphin

Behave ethically and have an internal whistleblowing channel so that issues can be internally addressed



## Misbehaving Magpie

Continuous insider monitoring can detect misbehaviours



## Ideologue Ant

Ensure that people are thoroughly vetted before they are employed. Monitor employee behaviours



## Malicious Mamba

Use technical measures to control access to core systems. Managers should monitor employees