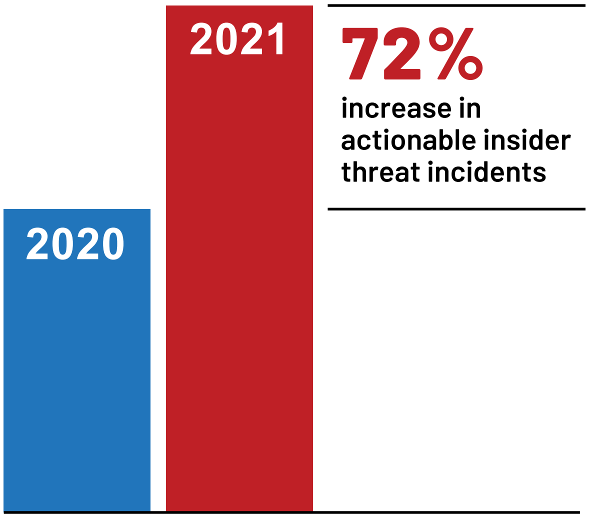
2022 INSIDER RISK REPORT

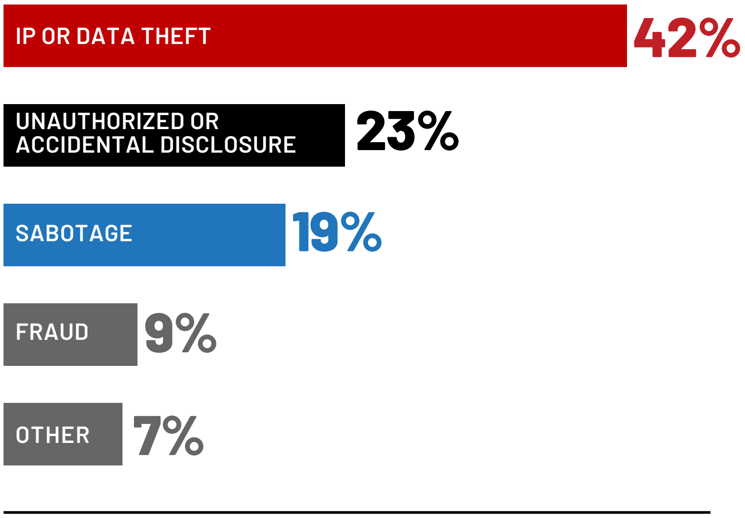
The DTEX 2022 Insider Risk Report is driven by real data observed as part of thousands of investigations for hundreds of customers, not collected as part of a blind survey. What we learned in 2021 was fascinating – from the dramatic shift Work-from-Anywhere (WFA) had on insider psychosocial behaviors, to the rise of the Super Malicious Insider, and how the Great Resignation has led to the perfect storm for insider threats as employees leave and join new organizations.

INDUSTRIAL ESPIONAGE IS AT AN ALL-TIME HIGH

Actionable incidents found by DTEX i^3 included theft of trade secrets, source code, as well as collusion with a foreign nexus.

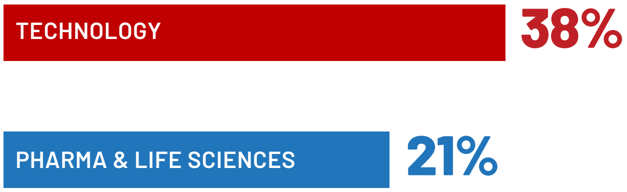


72% increase in actionable insider threat incidents



42% of all DTEX i^3 investigations involved theft of IP or customer data

Industry sectors with the most IP theft incidents



REMOTE AND @ RISK

Trend in off-network insider data theft increases

75%

of investigations that led to criminal prosecutions occurred from home

THE RISE OF THE SUPER MALICIOUS INSIDER

Dramatic increase in sophisticated insider techniques

32%

of malicious insider incidents included sophisticated insider techniques

43%

increase in usage of burner email accounts

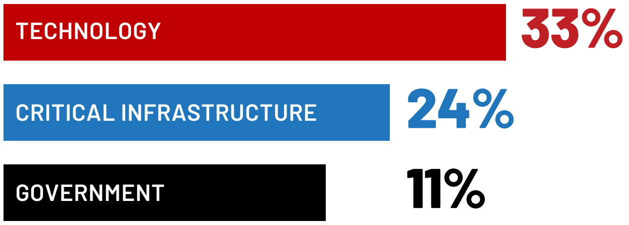
OSINT

techniques regularly leveraged to conceal identity

96%

of super malicious insiders were able to avoid using ATT&CK techniques

INDUSTRY SECTORS WITH THE MOST SUPER MALICIOUS INCIDENTS:

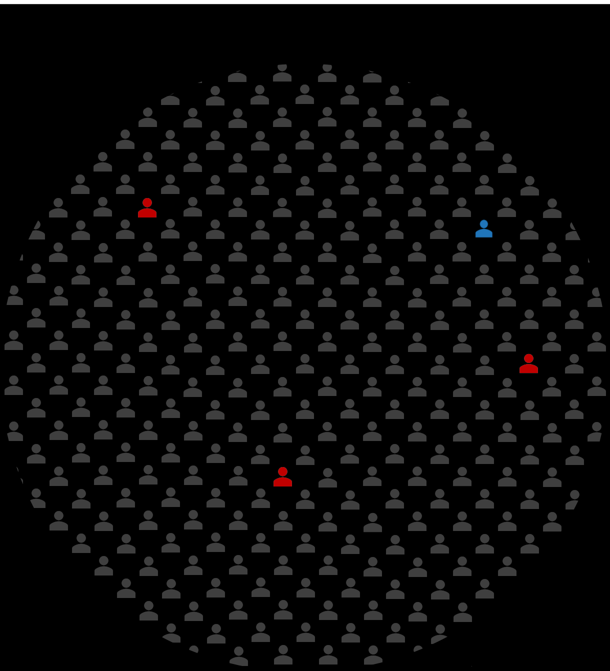


IF YOU DON’T UNDERSTAND THE RISK, YOU WILL NEVER FIND THE THREAT

● **INSIDER RISK**
is the 100% of users

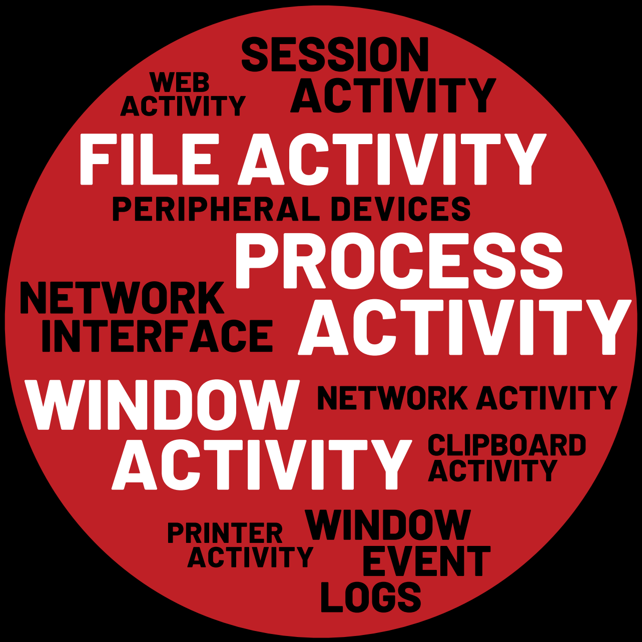
● **INSIDER THREAT**
is the 1% of users with intentionally bad actions

● **SUPER MALICIOUS THREAT**
is a malicious insider threat with superior technical skills and in-depth knowledge of common insider threat detection techniques



NOT ALL DATA WAS CREATED EQUAL

The most important DTEX Activity Types as reported by DTEX investigators



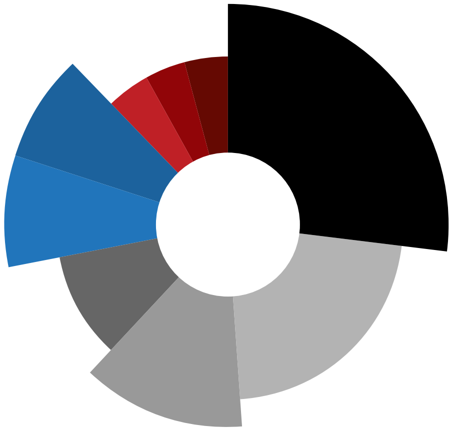
OUT OF SIGHT, OUT OF MIND

When comparing data-driven Insider Threat incidents identified by the DTEX i^3 team with recent survey-based results from the Ponemon "2022 Cost of Insider Threats Report"[1], the data reveals that many incidents are going unreported, and the true cost is undoubtedly much higher.

Ponemon INSTITUTE 2022 Cost of Insider Threat Survey	DTEX i3 INSIDER INTELLIGENCE + INVESTIGATIONS
44% increase in insider-led cyber security incidents based on survey data	**72%** increase in actual insider incidents
23% of all surveyed insider threats were related to exfiltration of sensitive data or intellectual property	**42%** of actual Insider Threat incidents were related to IP or Data Theft
$15.38M estimated avg annual cost of known insider-led incidents	**?** The real impact due to actual incidents is likely much higher than reported

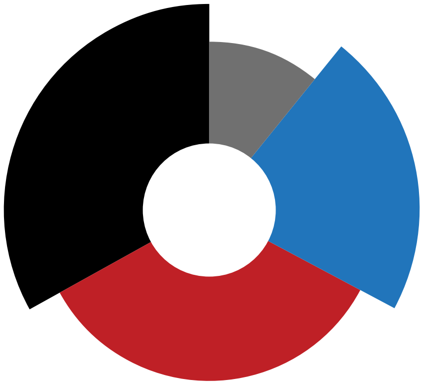
[1] https://www.proofpoint.com/us/resources/threat-reports/cost-of-insider-threats

STATISTICS



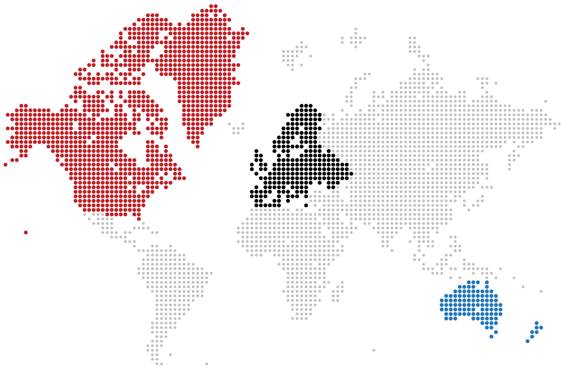
Distribution by Industry

●	Financial Services	27%
●	Critical Infrastructure	22%
●	Manufacturing	13%
●	Government	10%
●	Pharma & Life Science	8%
●	Technology	8%
●	Media	4%
●	Healthcare	4%
●	Retail	4%



Distribution by Number of Employees

●	0k - 1k	34%
●	1k - 10k	33%
●	10k - 50k	22%
●	50k+	11%



Distribution by HQ Location

●	North America (NA)	34%
●	Western Europe (WEU)	33%
●	Australia / New Zealand (ANZ)	22%

DTEX Systems helps hundreds of organizations worldwide better understand their workforce, protect their data, and make human-centric operational investments. Its Workforce Cyber Intelligence & Security platform brings together next-generation DLP, UEBA, digital forensics, user activity monitoring, and insider threat management in one scalable, cloud-native platform. Through its patented and privacy-compliant metadata collection and analytics engine, the DTEX platform surfaces abnormal behavioral "Indicators of Intent" to mitigate risk of data and IP loss, enabling SOC enrichment with human sensors and empowering enterprises to make smarter business decisions quickly.

To read the DTEX 2022 Insider Risk Report, visit **https://www2.dtexsystems.com/2022-insider-risk-report**