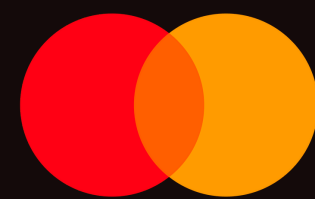# Decoding

the cybersecurity landscape

Cyber-attacks are skyrocketing, draining billions

$4.88mn
Source: IBM

Global average cost of a data breach in 2024.

$10.5tn
Source: Cybersecurity Ventures

Estimated global cybercrime costs by 2025.
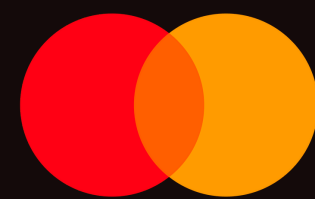
1,835
Source: Checkpoint Research

Weekly cyber attacks per organization in APAC in Q1 2023, exceeding global average of 1,248.

4mn
Source: World Economic Forum

Global shortage of cybersecurity professionals.

Third-party breaches are increasing with exponential consequences

Over the last decade, multiparty incidents have increased at an average rate of
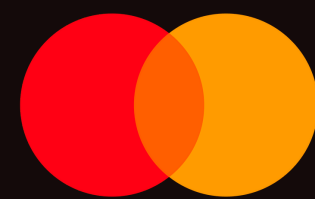
20% per year.

Third-party risk in 2023

Third-party breach events outnumbered direct attack breaches by nearly **three times** in 2023.

Multiparty security incidents cost **seven times more** than single-party events.

Ripple effect from a breach event can impact up to **six organizations** downstream.

Mastercard is leading the fight against cybercrime

Invested **$7 billion** in cybersecurity and AI capabilities globally over the past 5 years.

Combining technology and insights in a holistic service to assess and protect against risk while delivering trust, in payments and beyond.

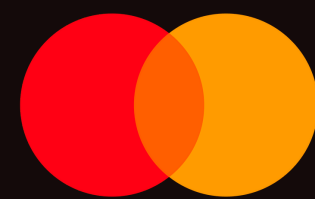## Our focus

Advanced Fraud Detection

Cybersecurity partnerships

Payment resiliency

Threat Intelligence and Risk Management

Forging ahead with unwavering commitment

143+bn
transactions processed quickly, safely and securely in 2023.

$20bn
potential customer fraud losses prevented by Safety Net in 2023.

$50bn
incremental e-commerce spending enabled by Identity solutions in 2023.

19mn
entities scanned every 10 days to assess their cybersecurity risk.