

PROTECTING CLOUD SERVICES



By 2025, 49% of the world's data will reside in public cloud environments¹.

Cloud services deliver flexibility, scalability and availability. However, they also make an appealing target for cyber-criminals set on intercepting and exploiting data in motion.

INVESTING IN THE CLOUD

64%

OF ORGANISATIONS ARE EXPANDING IT BUDGETS IN ORDER TO UPGRADE OUTDATED INFRASTRUCTURE.

56%

OF ORGANISATIONS ARE EXPANDING IT BUDGETS DUE TO INCREASED SECURITY CONCERNS.

21%

OF IT SPEND IN 2019 WILL BE USED TO INVEST IN CLOUD SERVICES.

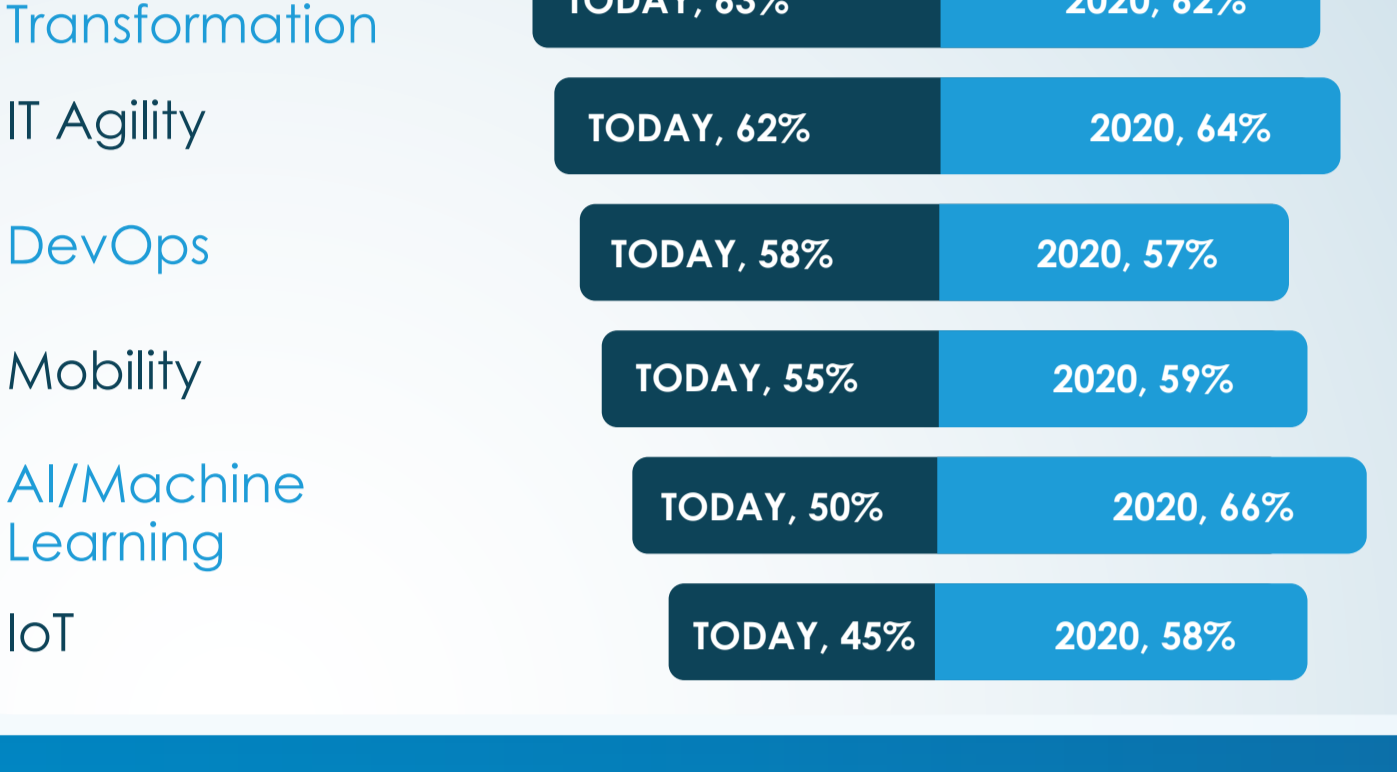
15%

OF CLOUD IT BUDGETS WILL BE SPENT ON ONLINE BACKUP & RECOVERY.

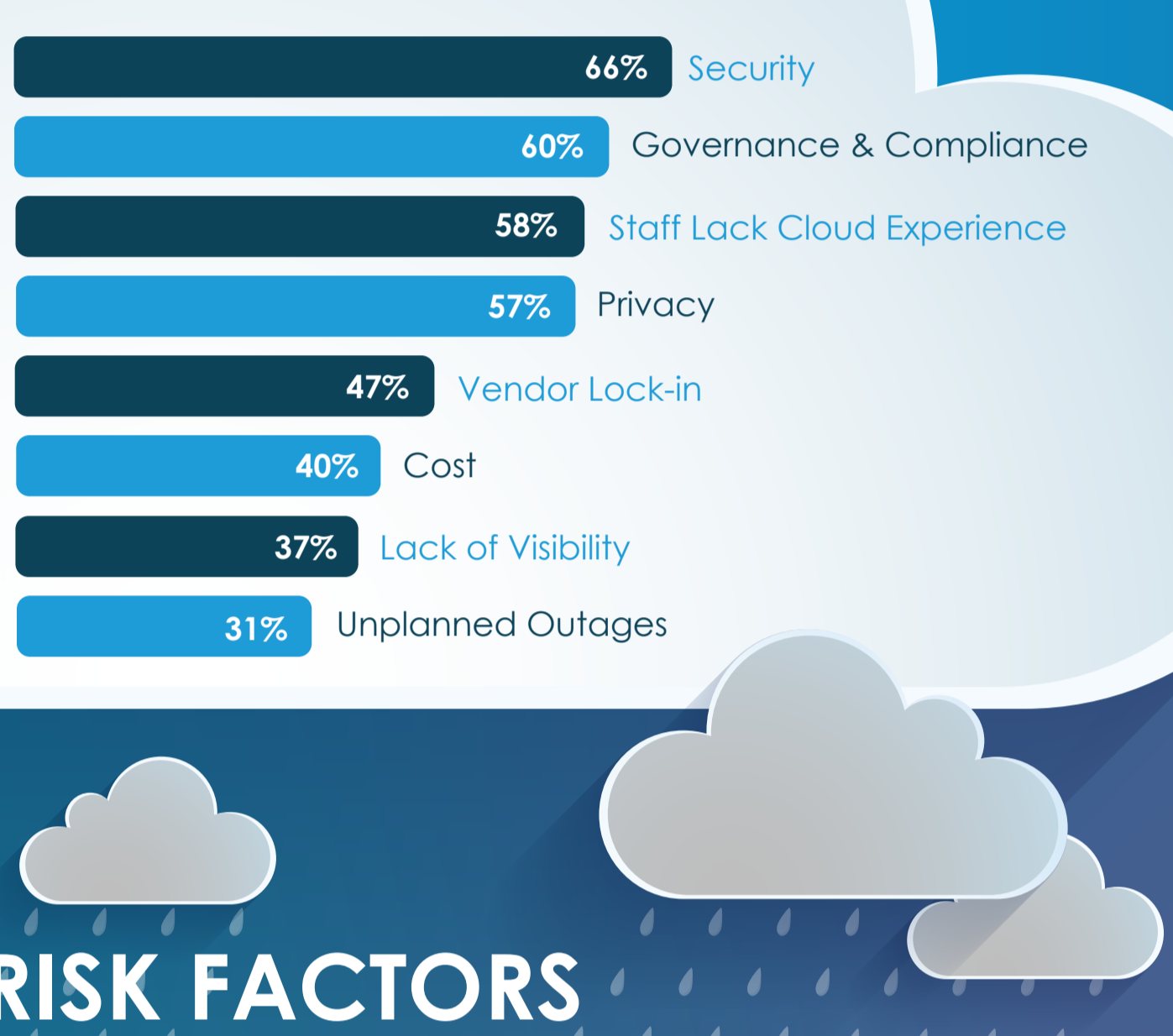
11%

OF CLOUD IT BUDGETS WILL BE SPENT ON EMAIL HOSTING.

WHAT IS DRIVING CLOUD ADOPTION?



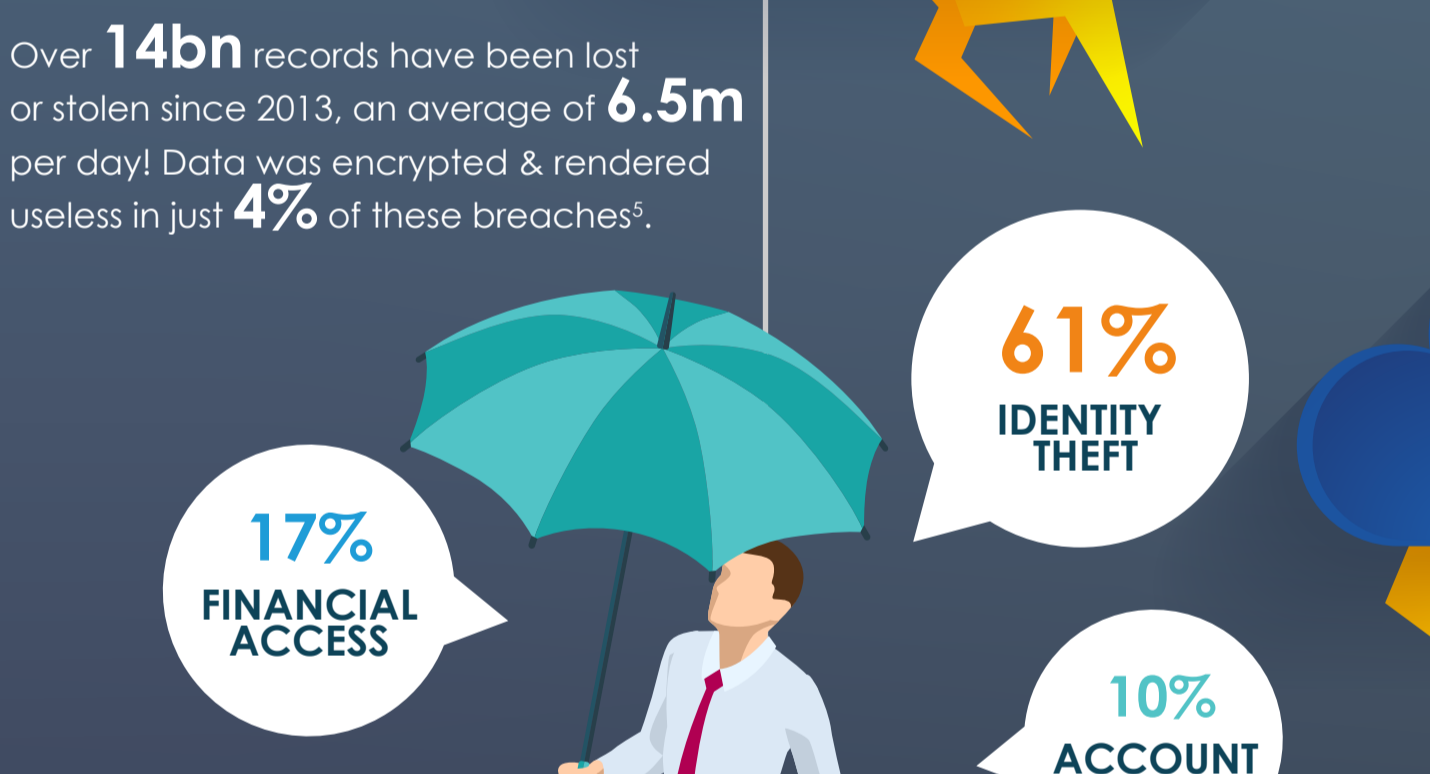
CHALLENGES POSED BY CLOUD ADOPTION



RISK FACTORS



THE THREAT LANDSCAPE



TYPES OF BREACH

Over **14bn** records have been lost or stolen since 2013, an average of **6.5m** per day! Data was encrypted & rendered useless in just **4%** of these breaches⁵.

17% FINANCIAL ACCESS

61% IDENTITY THEFT

10% ACCOUNT ACCESS

6% EXISTENTIAL DATA

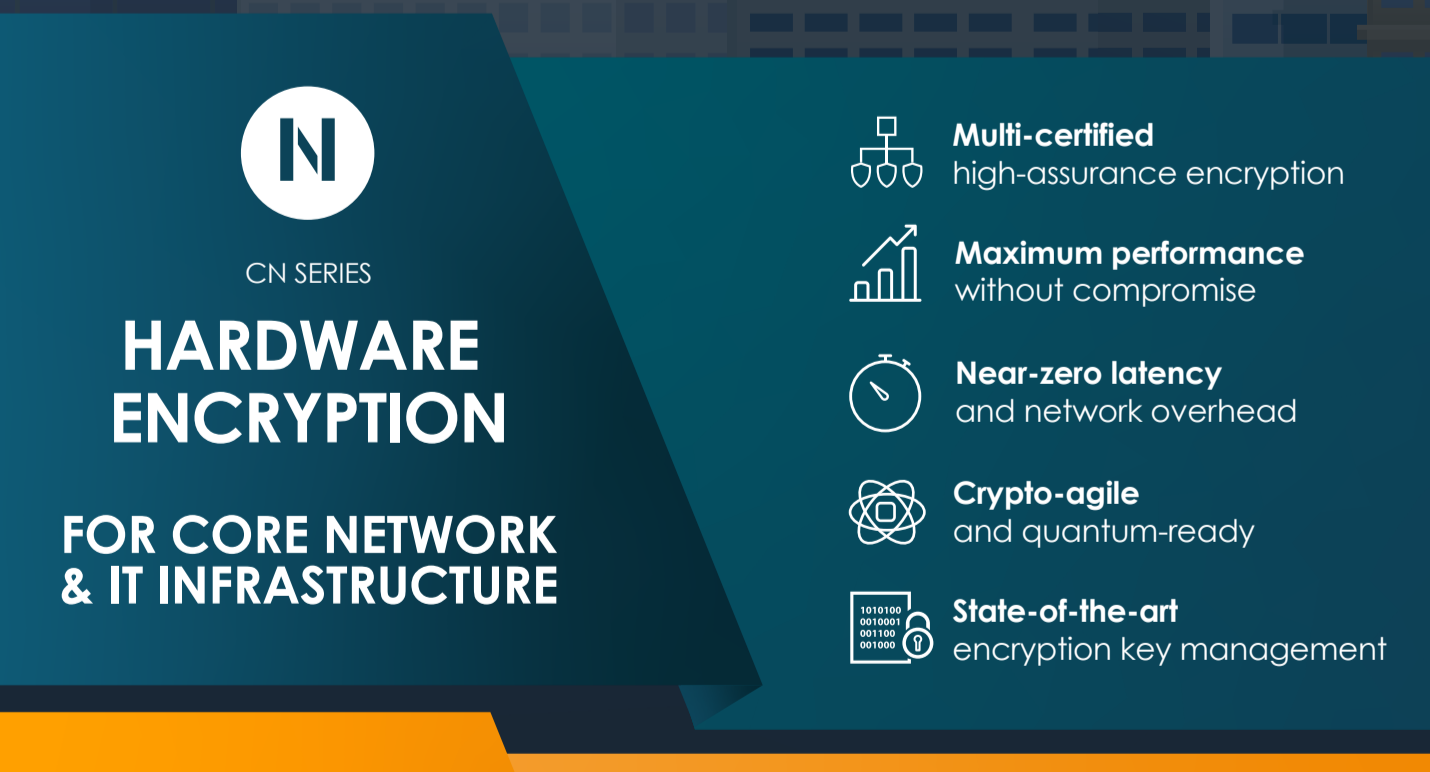
6% NUISANCE

HIGH PROFILE BREACHES



CONSEQUENCES OF A BREACH

On average, it takes **197 days** to identify a breach and a further **69 days** to contain it⁶.



SOLUTIONS

N

CN SERIES

HARDWARE ENCRYPTION

FOR CORE NETWORK & IT INFRASTRUCTURE

- Multi-certified high-assurance encryption
- Maximum performance without compromise
- Near-zero latency and network overhead
- Crypto-agile and quantum-ready
- State-of-the-art encryption key management

V

CV SERIES

VIRTUALISED ENCRYPTION

FOR VIRTUAL CPE & VIRTUALISED WAN

- Strong & effective WAN encryption
- Rapid scalability across 1000s of links
- Flexible pricing and licensing
- Transport independent multi-layer encryption
- Seamless integration with SafeNet KeySecure

S

SUREDROP

ENCRYPTED FILE-SHARING

AVAILABLE ON-PREMISES OR FROM THE CLOUD

- 100% control over data sovereignty
- Unlimited file size and type
- Standards-based encryption
- Effortless management & control
- Votiro Content Disarm & Reconstruction technology

DISCOVER MORE ABOUT SENETAS ENCRYPTION SOLUTIONS

WWW

Cloud Services Solution Paper

Introducing Senetas E-Book

PROTECTING CLOUD SERVICES DATA IN MOTION

CLOUD SERVICES SOLUTION PAPER

INTRODUCING SENETAS E-BOOK

1. The Digitization of the World from Edge to Core, IDC. 2. The 2019 State of IT, Spiceworks. 3. Cloud Vision 2020: The Future of the Cloud, LogiMonitor. 4. Ibid. 5. Gemalto Breach Level Index. 6. 2018 Cost of a Data Breach Study - Ponemon Institute.

Senetas CN Series hardware encryptors and CV Series virtual encryptors are distributed and supported internationally by Gemalto under its SafeNet brand; within the US Federal Government by SafeNet Assured Technologies, and throughout Australia and New Zealand by Senetas and accredited partners.

Senetas is a leading developer of encryption security solutions; trusted to protect enterprise, government, defence, cloud and service provider data in over 35 countries. From certified high-assurance hardware, and virtualized encryption, to secure file sharing with data sovereignty control, all are based on the same crypto-able platform and deliver security without compromise.

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