

<u>CYBERRISK</u>

INSURANCE AND ITS RELEVANCE IN INDIAN MARKET

"There are only two types of companies: Those that have been hacked and those that will be hacked" Robert Mueller- FBI director, 2012 ACCURATE RISK MANAGERS AND INSURANCE

BROKERS PVT. LTD.

AGENDA



- Current scenario of cyber attacks around the globe
- Indian Cyber Security Landscape

HOW can Insurance be the solution

- Cyber exposures faced by companies
- Cyber Risk Protector- a complete solution

?

WHY Tata AIG

- Value Added Services (VAS)
- Our USP's



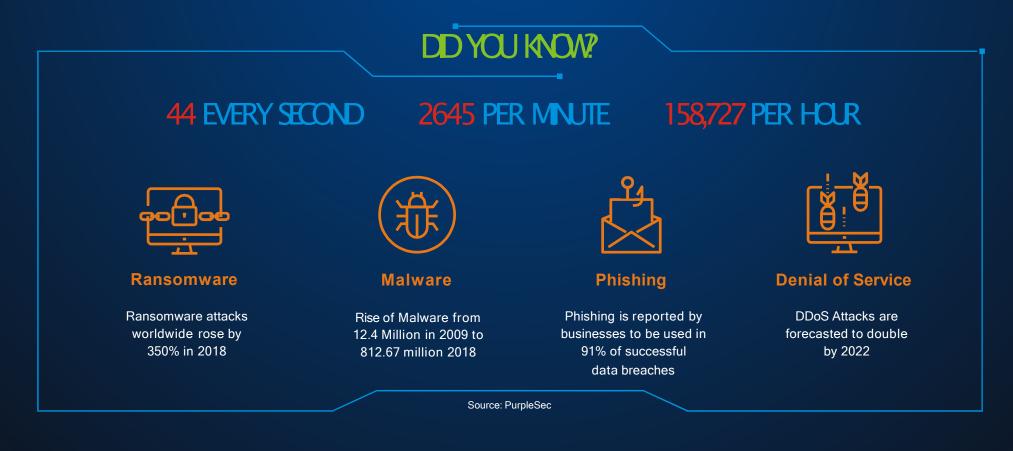
CYBERSECURITY





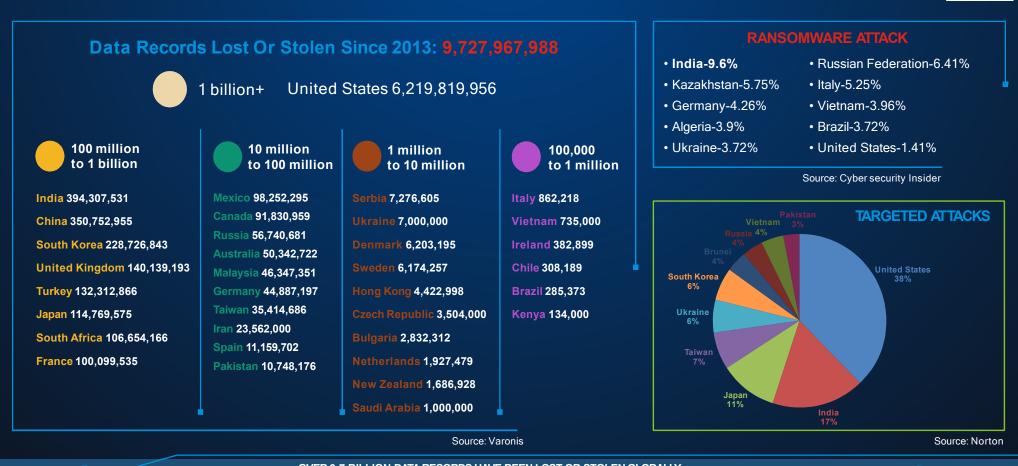
CYBERMARKETAROUNDTHEGLOBE





CYBERCRIME COULD COST THE WORLD OVER \$6 TRILLION ANNUALLY BY 2021

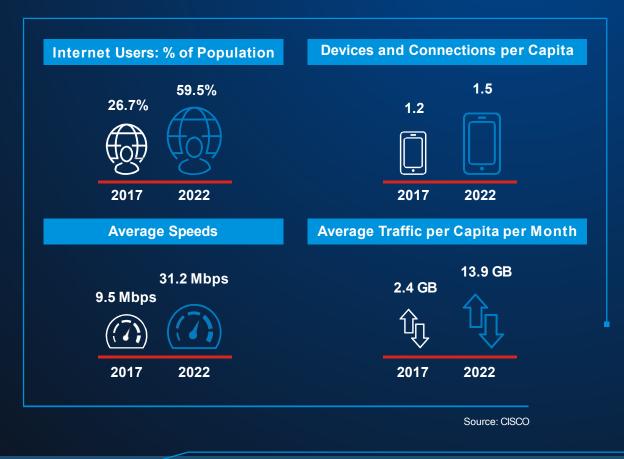
TARGETEDMARKETS



OVER 9.7 BILLION DATA RECORDS HAVE BEEN LOST OR STOLEN GLOBALLY



WHYINDIAISBECOMINGTHEHOTSPOT?





DIGITAL TECHNOLOGIES TO GENERATE \$1 TRILLION IN INDIA BY 2025

INDIAN MARKET

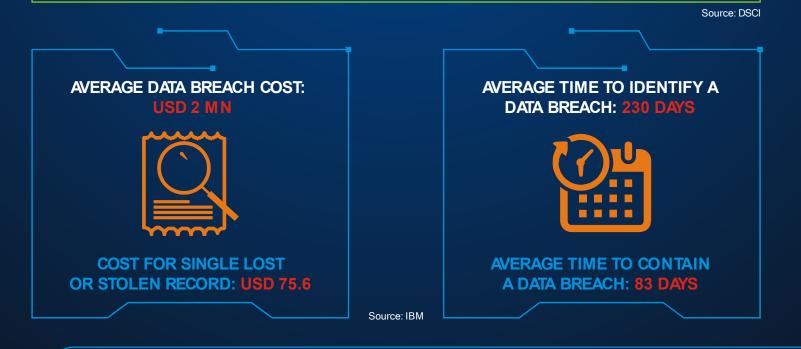




Cyber security market in India is expected to grow from USD 1.97 billion in 2019 to USD 3.05 billion by 2022 at a CAGR of 15.6%



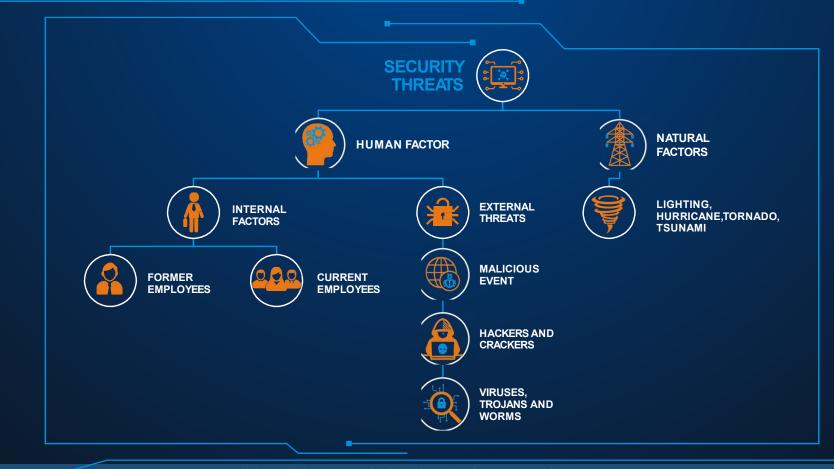
Cyber security products are growing at 16.9% CAGR and services at 14.2% CAGR



HACKERS ATTACK EVERY 39 SECONDS, ON AVERAGE 2,224 TIMES A DAY

SECURITYTHREATS

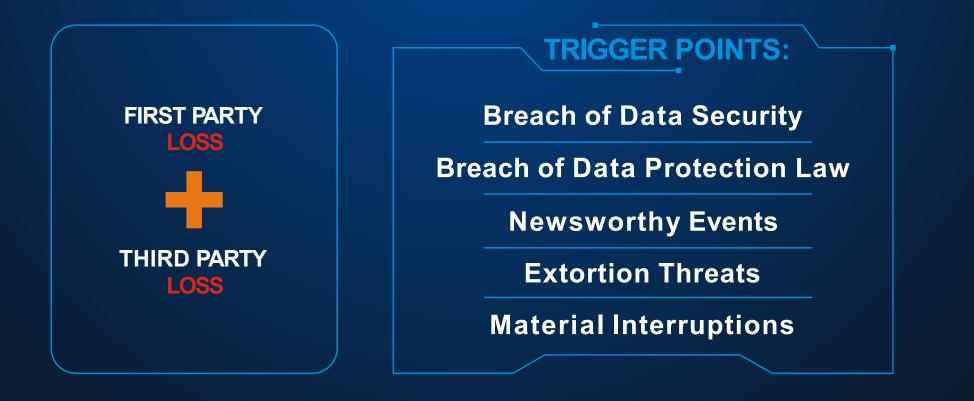




95% CYBERSECURITY BREACHES TRACE BACK TO HUMAN ERROR

TATAAIG'SCYBERRISKPROTECTOR







WHATISCOVERED?



A.DATALIABILITY





B.ADMINISTRATIVEOBLIGATIONS



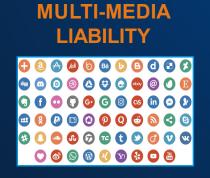
B.1 Data Administrative Investigation Professional Fees for legal advice and representation in connection with any Regulatory Investigation **B.2 Data Administrative Fines** Data Administrative Fines to the extent insurable by law, resulting from Regulatory Investigation

C.REPUTATIONANDRESPONSECOSTS



OPTIONALEXTENSIONS





All Damages and Defence Costs which arise out of a Claim by a Third Party against the Company solely in the performance of or failure to perform Multi- Media Activities

CYBER/ PRIVACY EXTORTION



All **Extortion Loss** that an **Insured** incurs solely as a result of an **Extortion Threat**. Cost shall include all professional fees and extortion monies.

NETWORK INTERRUPTION



Any Network Loss in respect of a Material Interruption that an Insured incurs after the Waiting Hours Period has expired and solely as a result of a Security Failure

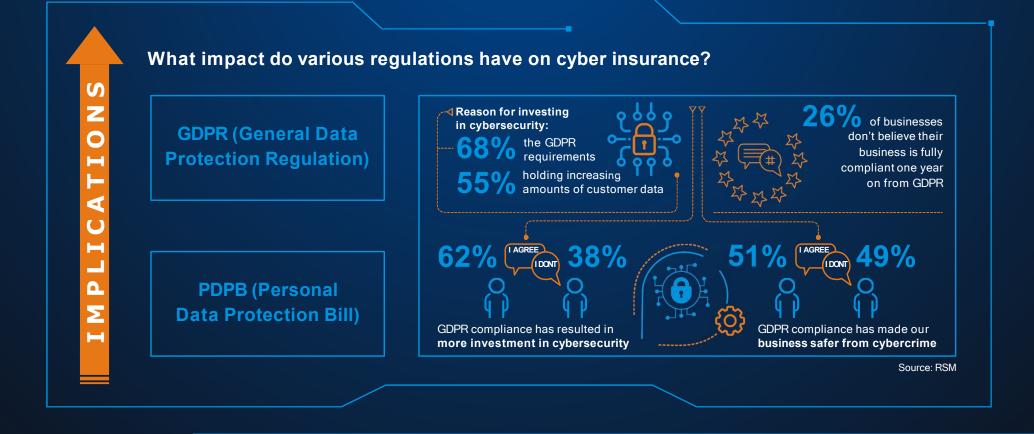
MAJOR EXCLUSIONS



Accurate

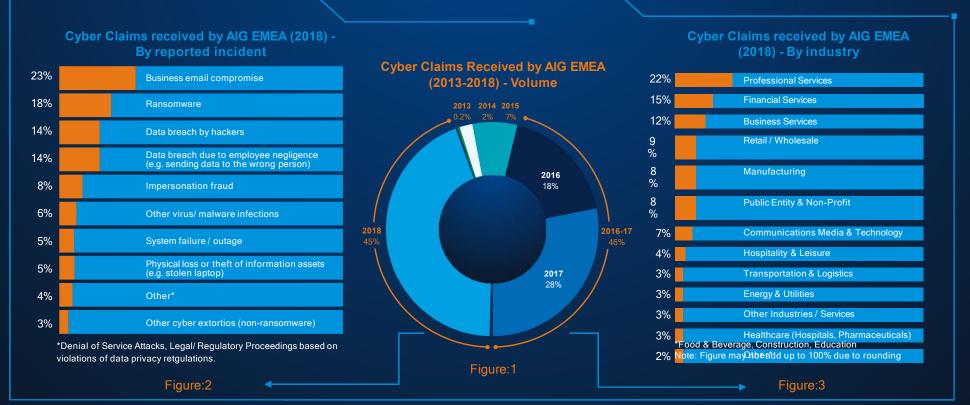
REGULATORYLANDSCAPE





CLAIMSANALYSIS





ACCURATE RISK MANAGERS AND INSURANCE BROKERS PVT. LTD.

Source: AIG

REALLIFEINSTANCES:CYBERA TACKS



IT MAJOR ATTACKED

- A phishing attack on a major IT company took place
- Attack affected both employee
 & customer accounts
- Company's systems were used as jumping-off points for phishing expeditions, thereby targeting a dozen of the company's systems

BANK MONEY SIPHONED

 Malware Cyber attac k launched by fraudsters, which involved siphoning of USD

12.8 Mn (INR 9.4 Cr) from bank within two days

- Hackers siphoned off the money & transferred it to a Hong Kong bank
- Hackers hacked into the ATM server of the bank and stole details of many debit card owners
- The switching system which bods wear interacting modulet gateways and the bank's centralized banking solution was attacked

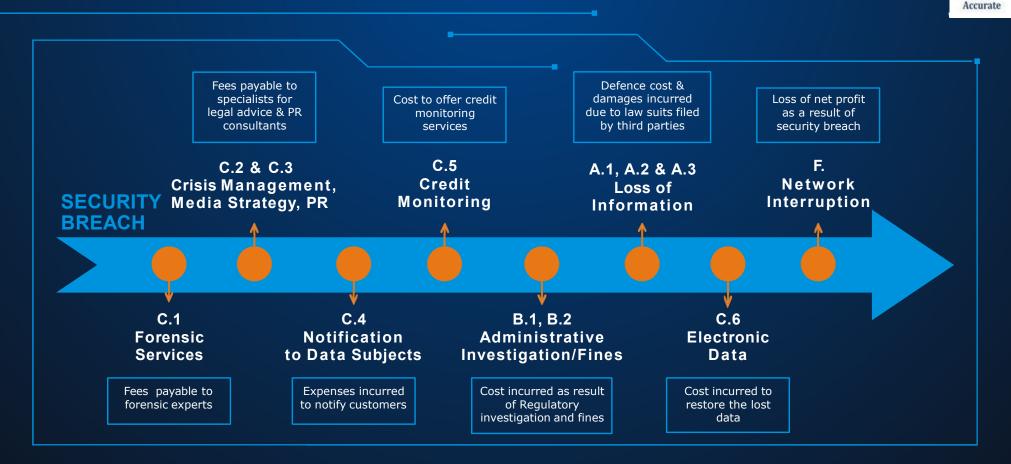
DATA BREACH IN FIVE STAR HOTEL

- The hotel chain's reservation systems was compromised, with hundreds of millions of customer records, including credit card and passport numbers, being exfiltrated by the attackers
- In the investigation it was found that data wa s encrypted by hackers and they also attempted to remove the data from the hotel chains systems

CYBER ASSAULT ON PETROCHMEICAL COMPANY

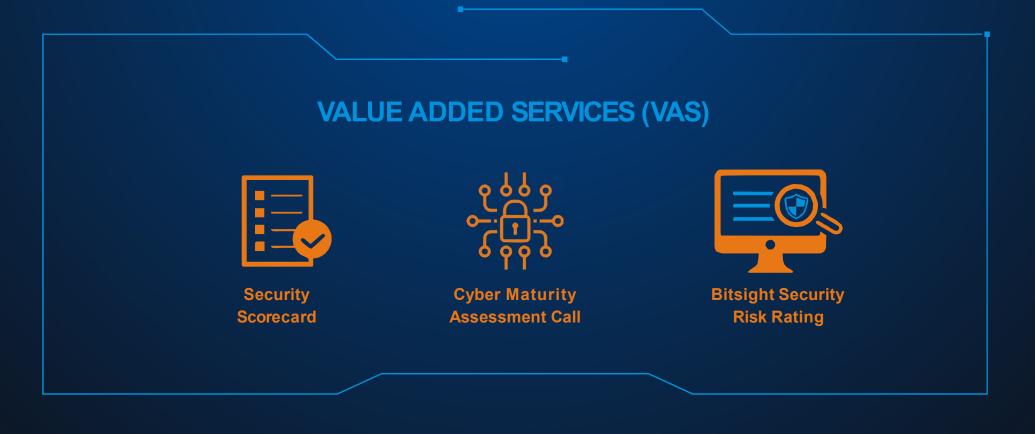
- In 2015, a malware attack took place in which virus spread on the network of the company and it wiped out the hard drives of the computers
- The virus infected almost thirty thousand workstations during mid of August
- Later, investigators found that the attack was not designed to simply destroy data or shut down the plant, it was meant to sabotage the firm's operations and trigger an explosion

CLAIMSTIMELINE



MORETHANJUSTINSURING





A PROGRAM OF END-TO-END CYBERSECURITY RISK MANAGEMENT

WHYTATAAIG?



- A pioneer in coverage for cyber exposures, we continue to set the standard today with:
 - Innovative coverage tailored to an insured's specific needs
 - · Experienced claims handlers with extensive knowledge and expertise
 - Financial capacity to deliver unparalleled peace of mind and enduring stability
- Tata AIG clients get an advantage of our global network and deep resources dedicated to reducing the risks of companies of all types and sizes
- TATA AIG Underwrites Cyber Insurance policies for:
 - Top NASSCOM companies
 - Insurer and reinsurer of Top private sector banks
 - Companies from other industries such as Pharmaceutical, Consumer Durables, Manufacturing, Information Technology and others
- Launched the Cyber Insurance product in the Indian Market and is a leader in the Cyber Insurance space



