

# <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



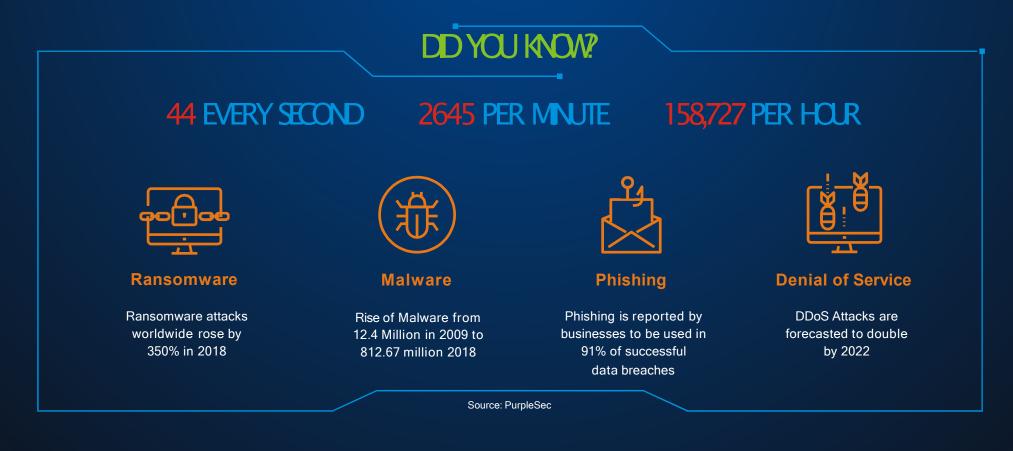
## CYBERSECURITY





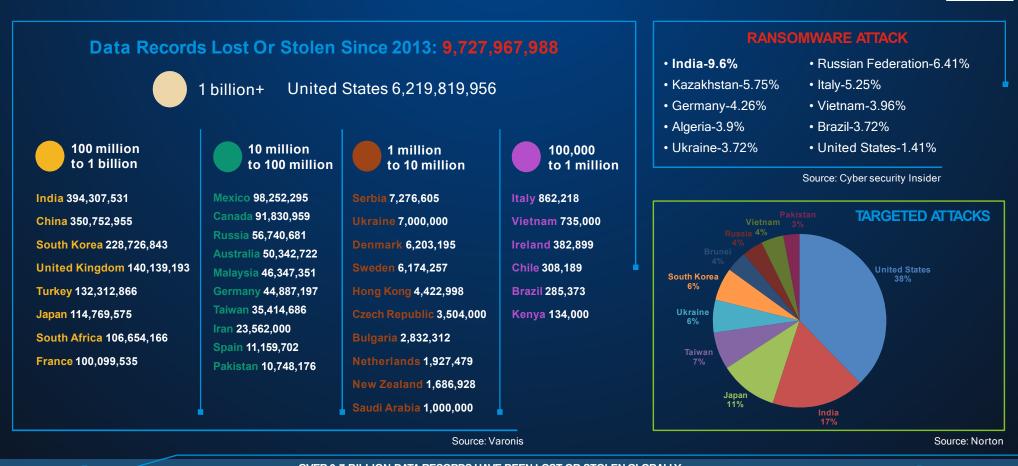
## CYBERMARKETAROUNDTHEGLOBE





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

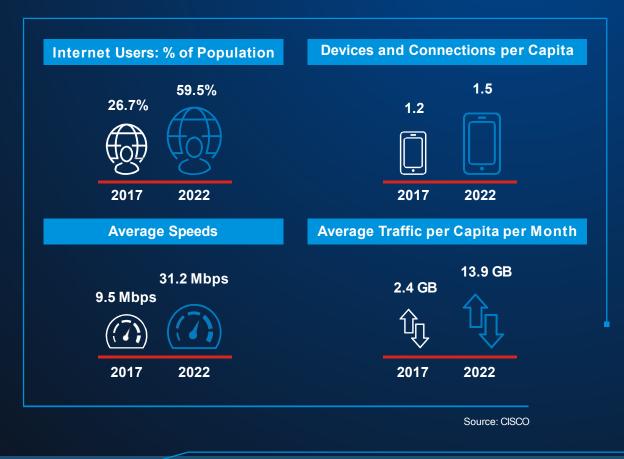
## TARGETEDMARKETS



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**

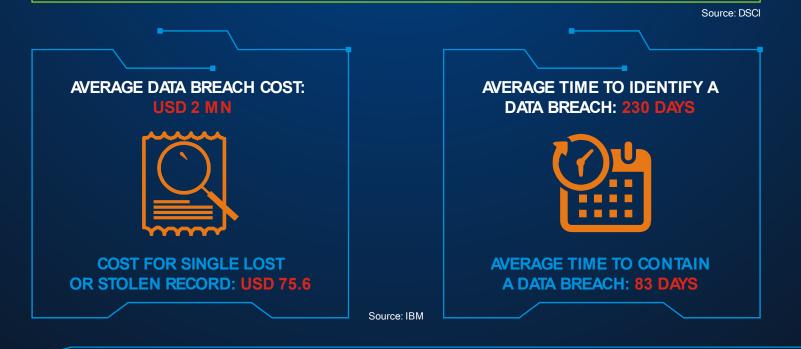




Cyber security market in India is expected to grow from USD 1.97 billion in 2019 to USD 3.05 billion by 2022 at a CAGR of 15.6%



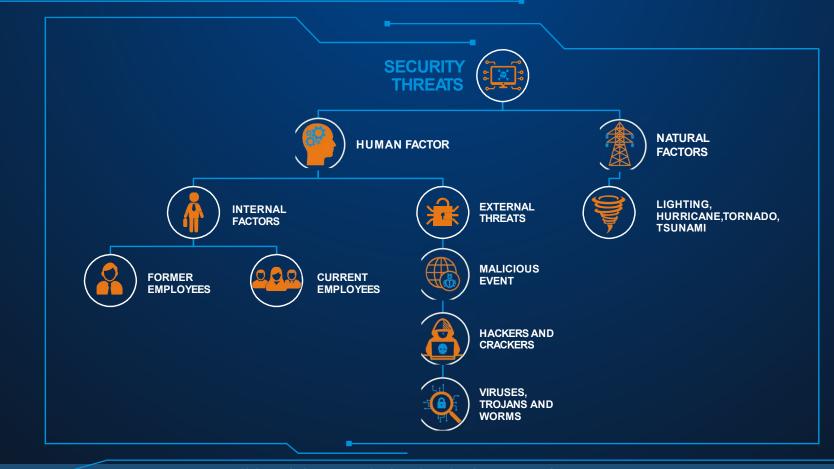
Cyber security products are growing at 16.9% CAGR and services at 14.2% CAGR



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

SECURITYTHREATS

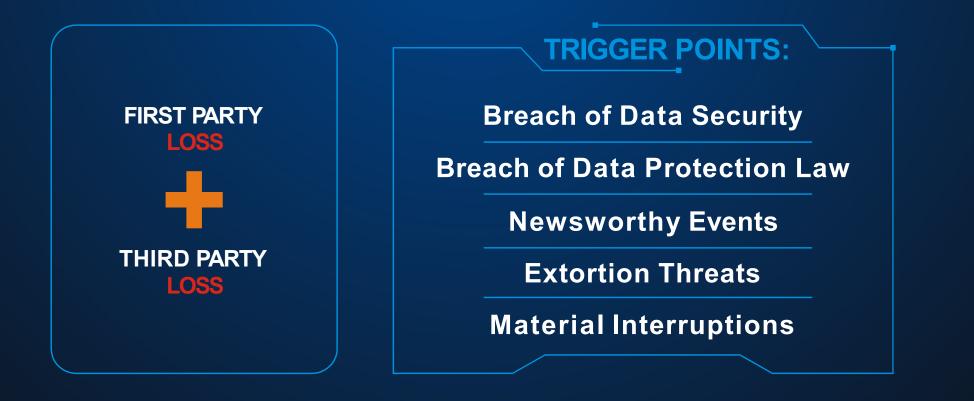




95% CYBERSECURITY BREACHES TRACE BACK TO HUMAN ERROR

## TATAAIG'SCYBERRISKPROTECTOR





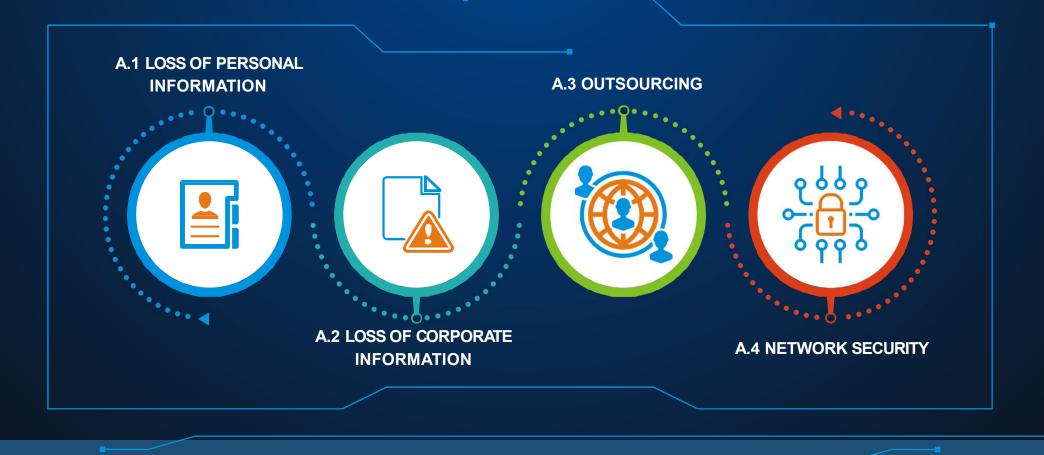


## WHATISCOVERED?



## A.DATALIABILITY





## **B.ADMINISTRATIVEOBLIGATIONS**



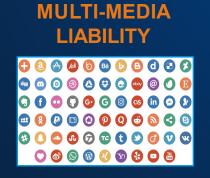
**B.1 Data Administrative Investigation** Professional Fees for legal advice and representation in connection with any Regulatory Investigation **B.2 Data Administrative Fines** Data Administrative Fines to the extent insurable by law, resulting from Regulatory Investigation

## 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

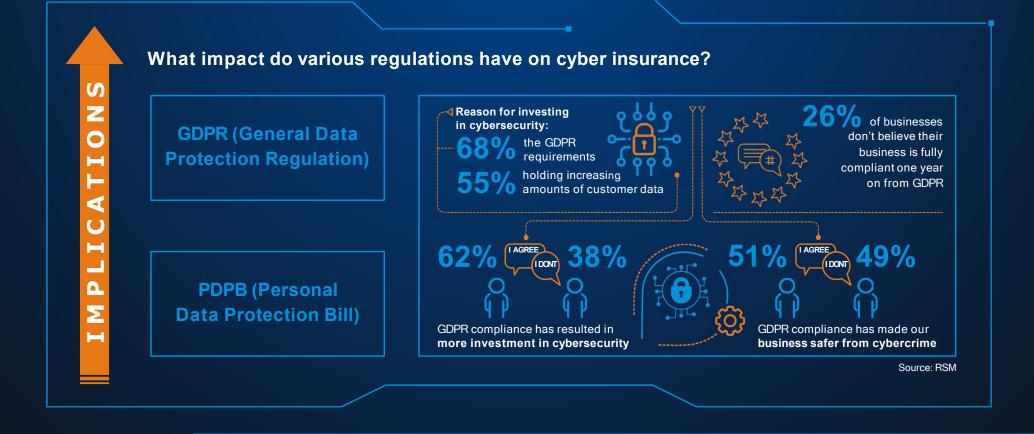
## **MAJOR EXCLUSIONS**



Accurate

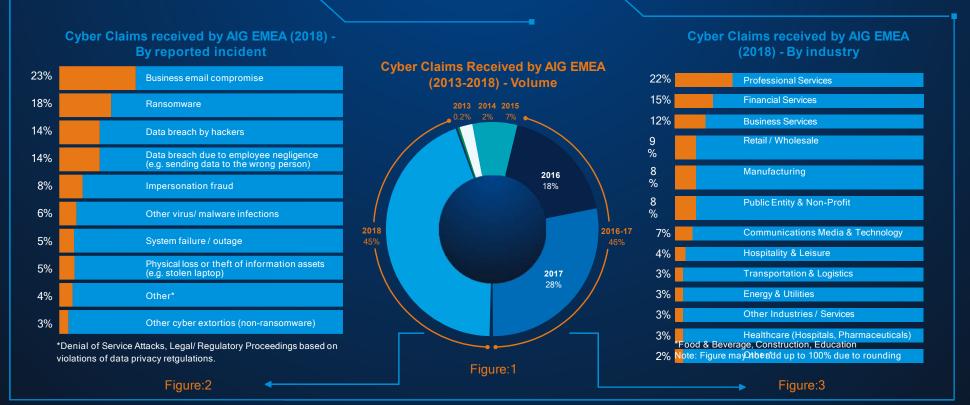
## REGULATORYLANDSCAPE





## 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

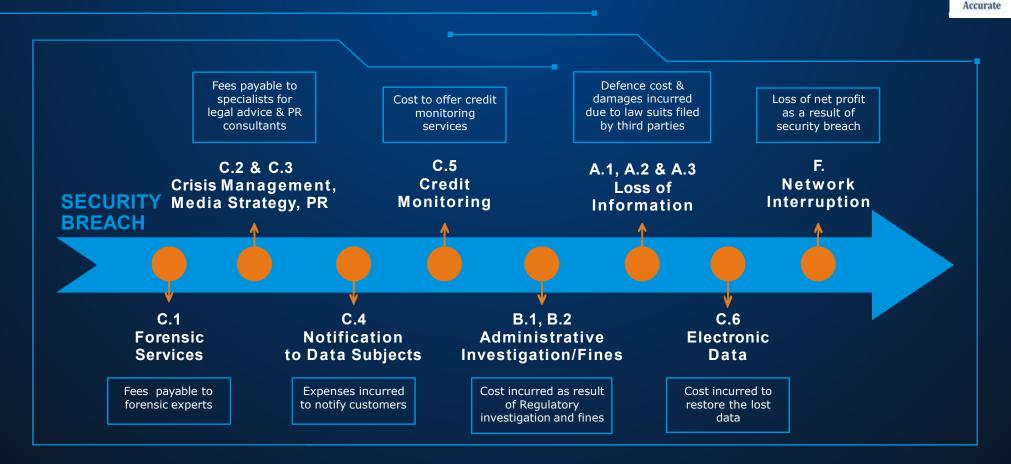
#### DATA BREACH IN FIVE STAR HOTEL

- 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

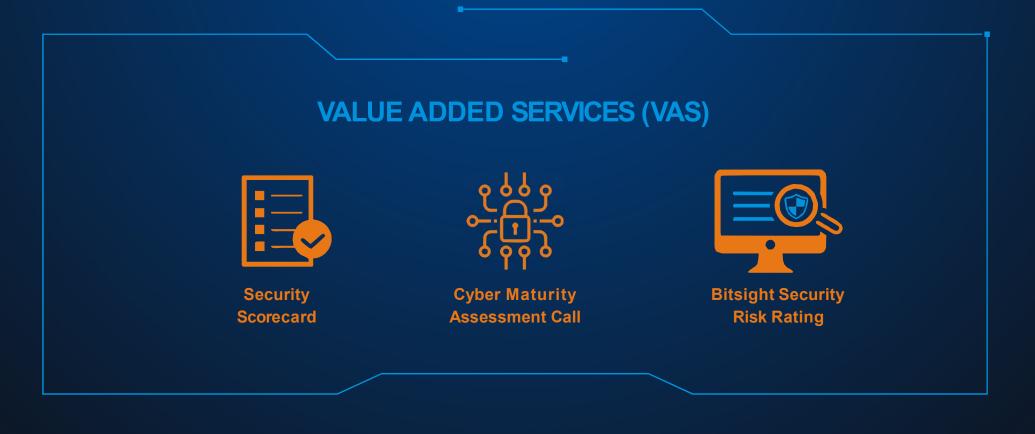
- In 2015, a malware attack took place in which virus spread on the network of the company and it wiped out the hard drives of the computers
- The virus infected almost thirty thousand workstations during mid of August
- Later, investigators found that the attack was not designed to simply destroy data 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



