

INFORMATION TECHNOLOGY & ITS ROLE IN e-GOVERNANCE



A PRESENTATION BY

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WHAT IS GOVERNANCE?

- **PROCESS OF DECISION MAKING**
- **PROCESS BY WHICH THE DECISIONS ARE IMPLEMENTED**
- **PROCESS OF REVIEW & MONITOR**
- **CONTROL**

WHO RUNS THE GOVERNMENT?

OFFICERS/EXECUTIVES/MANAGERS

**WHAT IS THE MOST IMPORTANT
CONTRIBUTION THE
OFFICERS/EXECUTIVES/MANAGERS MAKE?**

THEY MAKE DECISIONS !

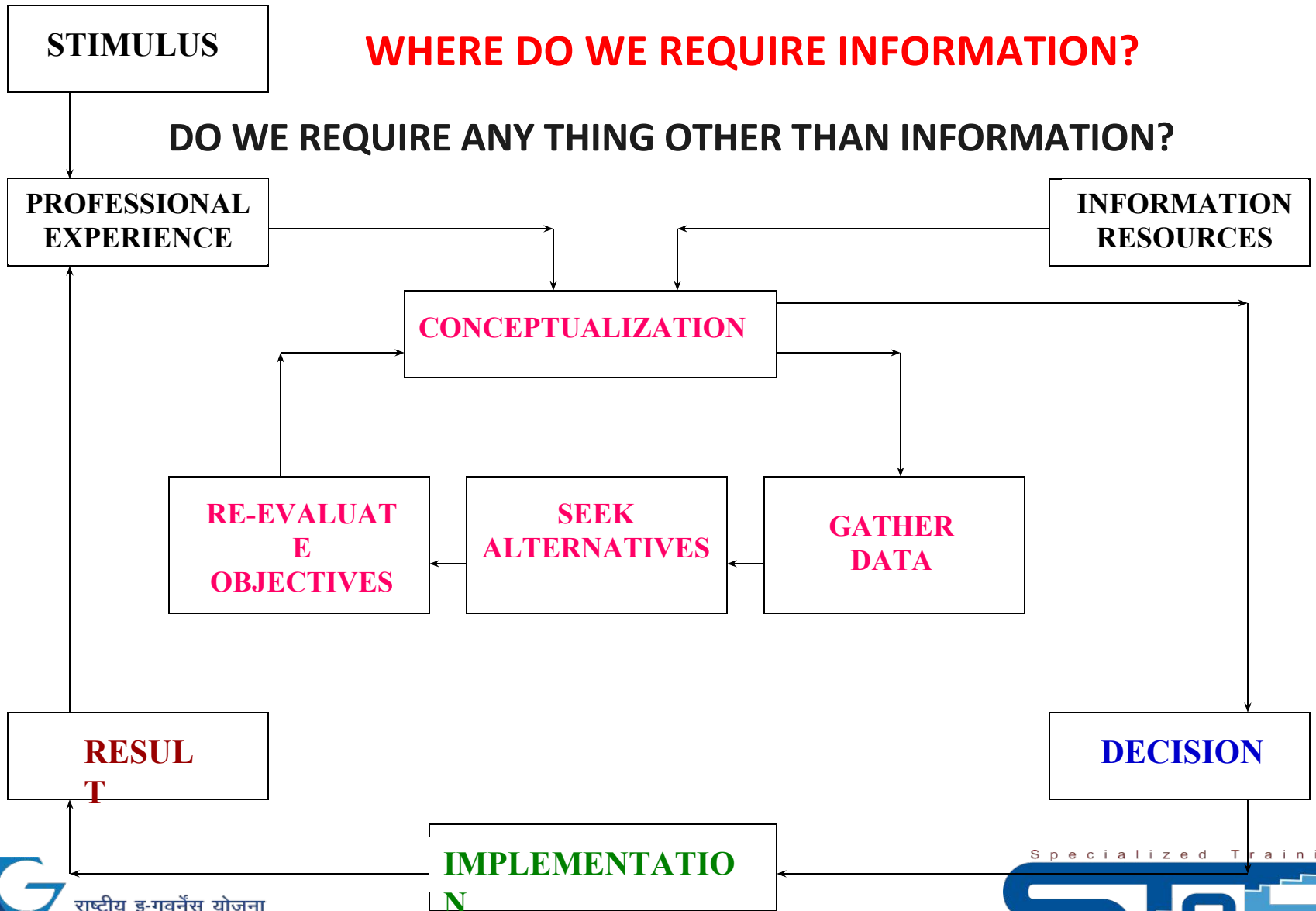
DECISIONS ARE MADE BASED ON ?

INFORMATION

DECISION MAKING IN A DEPARTMENT

WHERE DO WE REQUIRE INFORMATION?

DO WE REQUIRE ANY THING OTHER THAN INFORMATION?



WHAT IS ESSENTIAL FOR DECISION MAKING & IMPLEMENTATION?

INFORMATION

COMMUNICATION

WHAT IS INFORMATION ?

Entity
Attributes
Present Value
Fact
Data
Information



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National e-Governance Plan

Public Services Closer Home

WHAT IS INFORMATION TECHNOLOGY ?

DATA STORAGE

DATA PROCESSING

DATA TRANSFER

WHAT DOES INFORMATION TECHNOLOGY MEAN FOR A MANAGER ?

IT MEANS FREEDOM FROM

1. PLACE

2. TIME and

3. PERSON

IT DRIVEN TECHNOLOGICAL DEVELOPMENTS

EPOS

EFTPOS

**Money Transaction
Systems**

CD ROM

Smart Cards

Bar Codes Devices

RFID Devices

AM Devices



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National e-Governance Plan

Public Services Closer to People

THE COMMUNICATION ANGLE

E-MAIL

INTERNET

INTRANET and EXTRANET

LANs and WANs

VPNs

GPS

BLUE TOOTH

Wi-Fi

WiMAX

FUTURE ROLE OF IT IN BUSINESS

UBIQUITOUS COMPUTING:

Handwriting Recognition
Voice Recognition,
Tablet PCs,
PDAs,
WiFi Hotspots

LOCATION INDEPENDENCE :

GPS,
GPRS (General packet radio service)

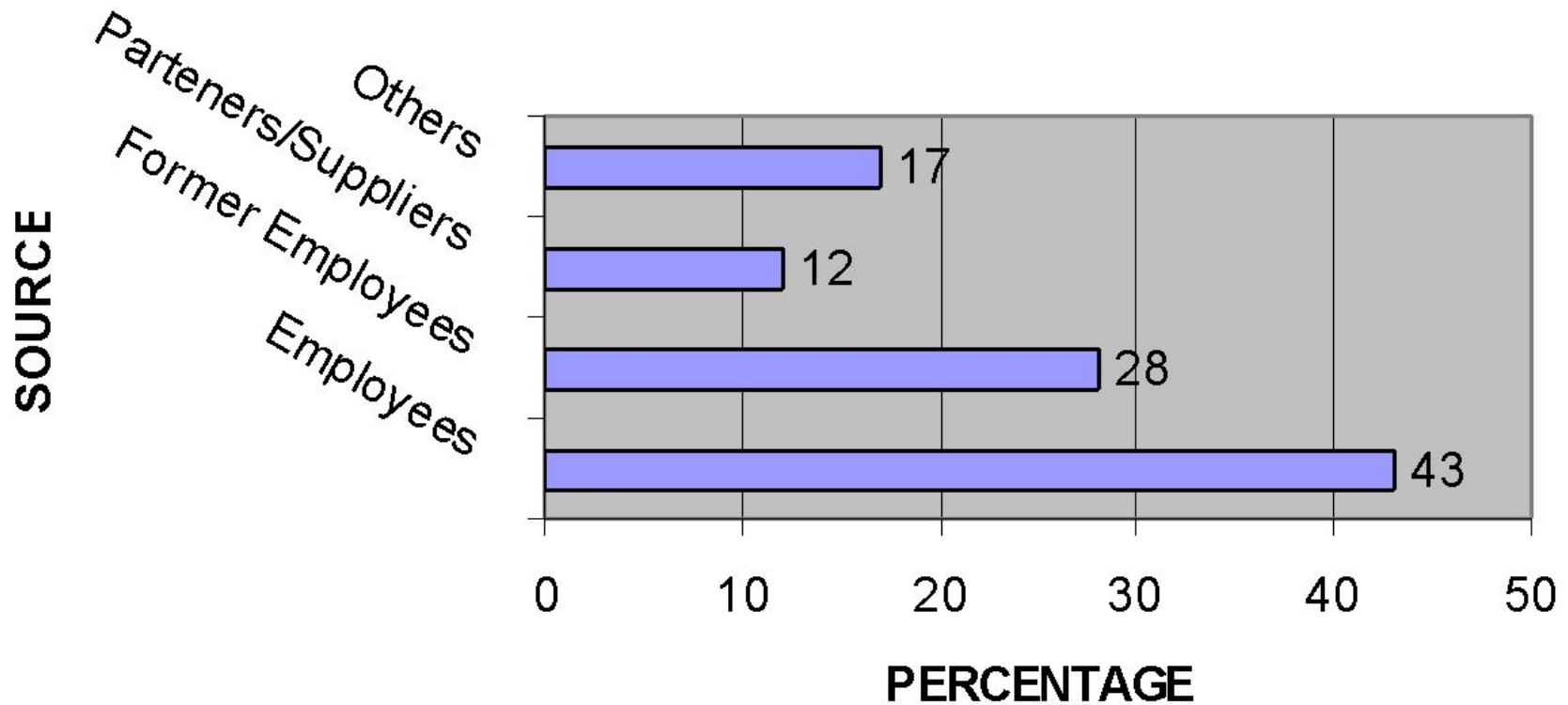
3G, 4G

THE INDIAN CYBER CRIME SCENARIO

FORST & SULLIVAN STUDY FOR INDIA PUBLISHED

MAY 11, 2009

WHERE INFORMATION SECURITY THREAT COMES FROM



FORST & SULLIVAN STUDY FOR INDIA PUBLISHED

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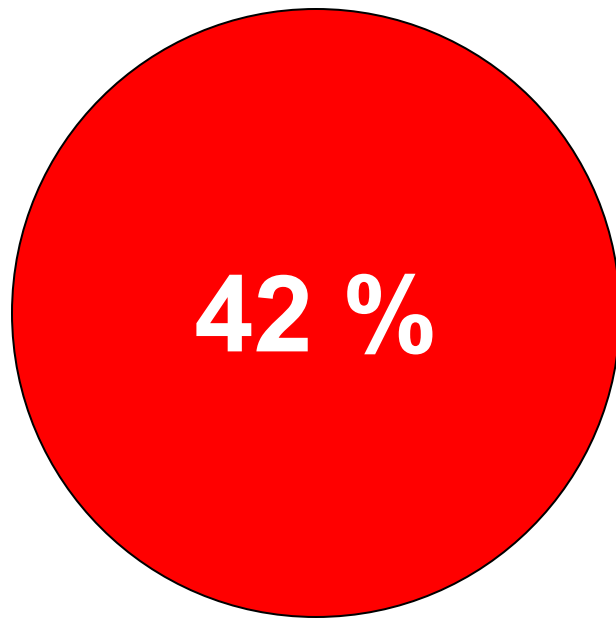
**\$129 MILLION
OR
Rs. 650 CROR**

**WAS THE SIZE OF ENTERPRISE INFORMATION
SECURITY MARKET IN 2008 AND IS EXPECTED
TO GROW BY 10.5 % EVERY YEAR**

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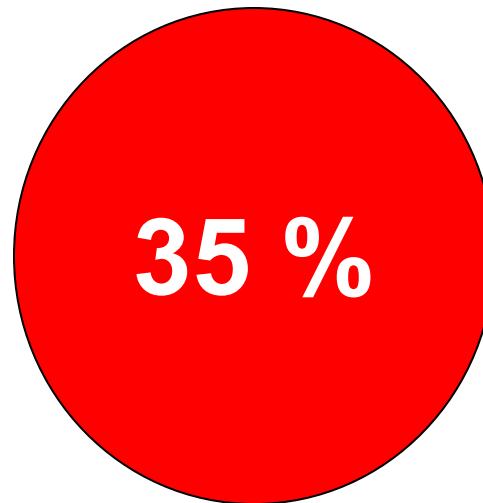
WHAT THE INFORMATION SECURITY THREAT CAUSES?



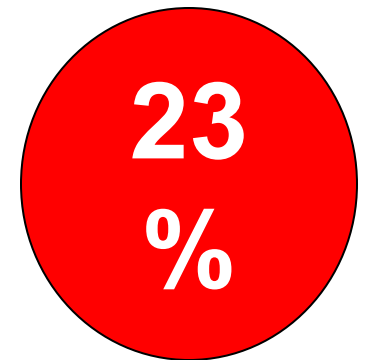
FINANCIAL LOSSES

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National e-Governance Plan

Public Services Closer Home



IPR LOSSES



OTHER LOSSES

STEP
for e-Governance Programm

IS INFORMATION AN ASSET?

YES !

Over 70% of the market capitalisation of Fortune 500 companies is attributed to their information assets.

Are we being paranoid?

NO

**Fortune 100 companies
lost US\$ 85 billion last year
as a result of information
theft**

THANKS