



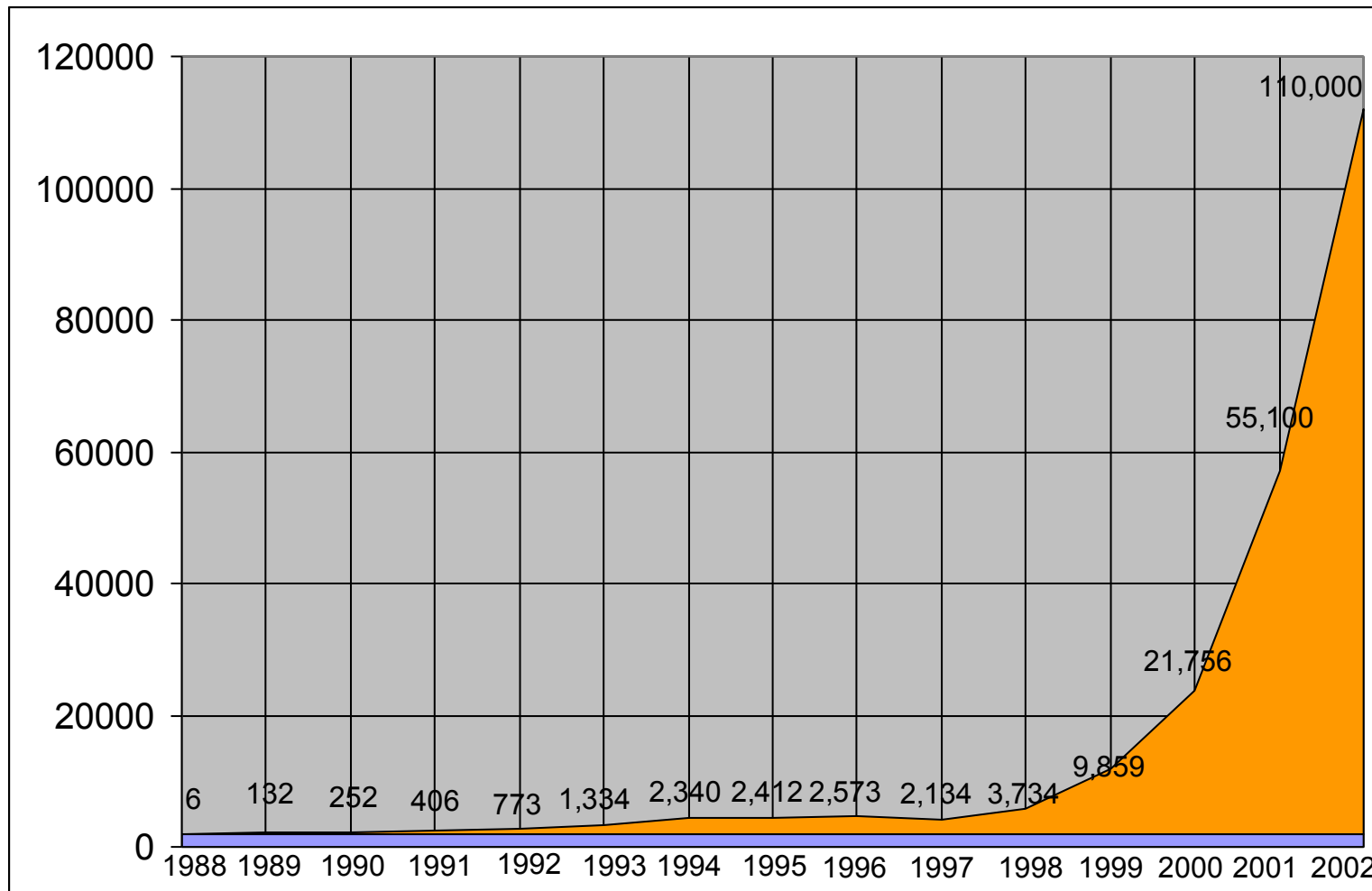
**INTERNET  
SECURITY  
ALLIANCE**

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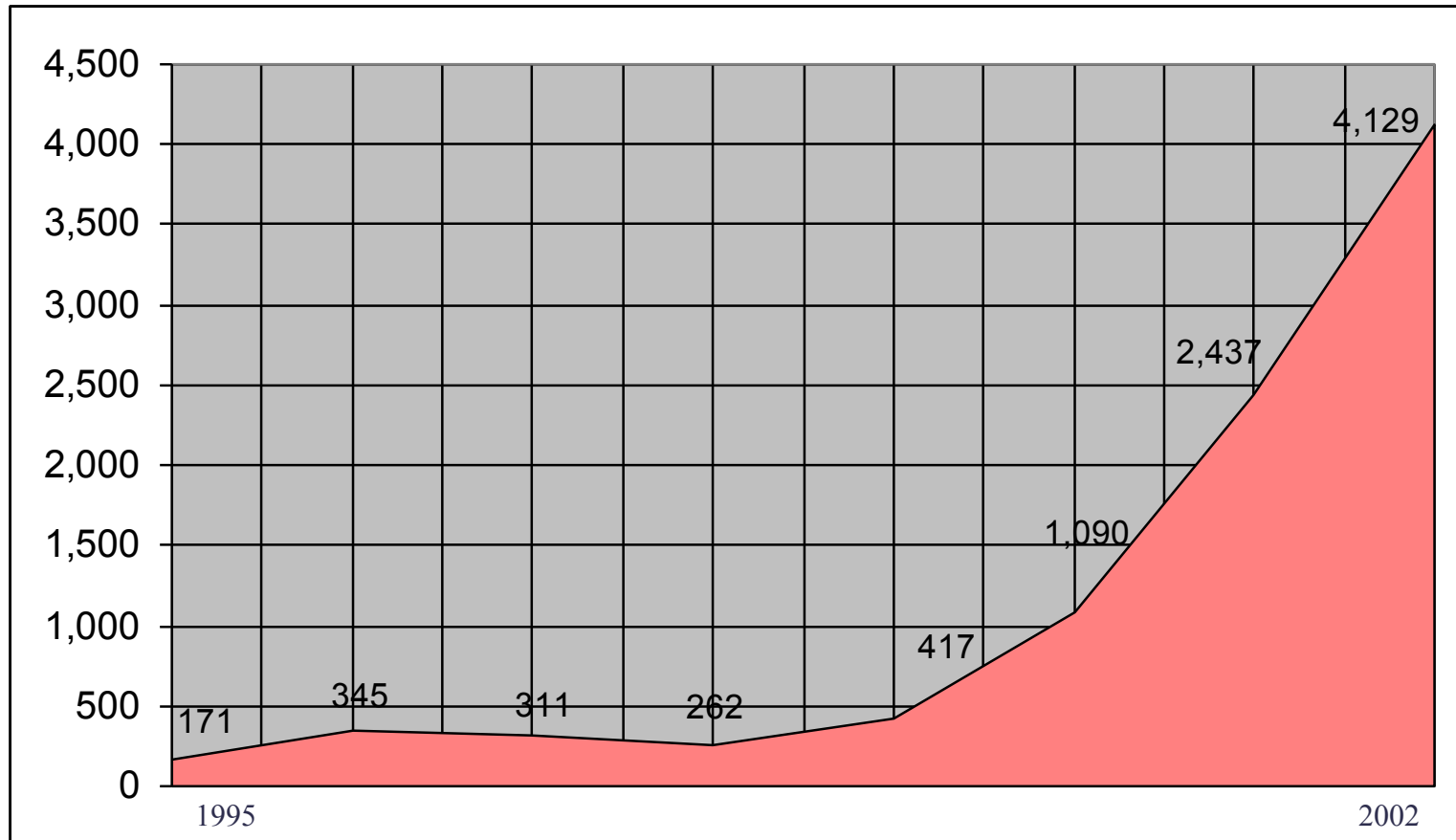


# ***Growth in Incidents Reported to the CERT/CC***



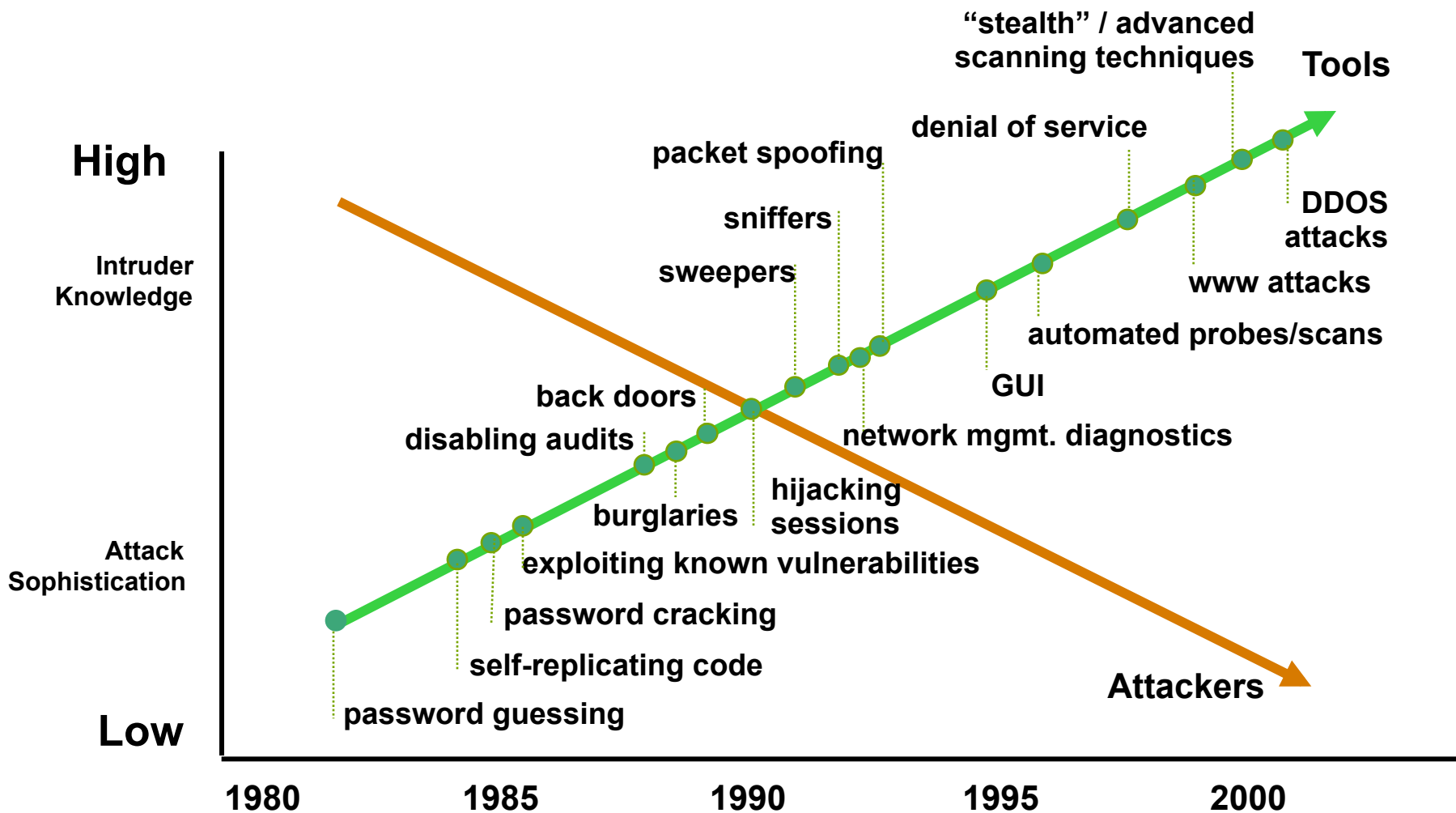


## ***The Dilemma: Growth in Number of Vulnerabilities Reported to CERT/CC***

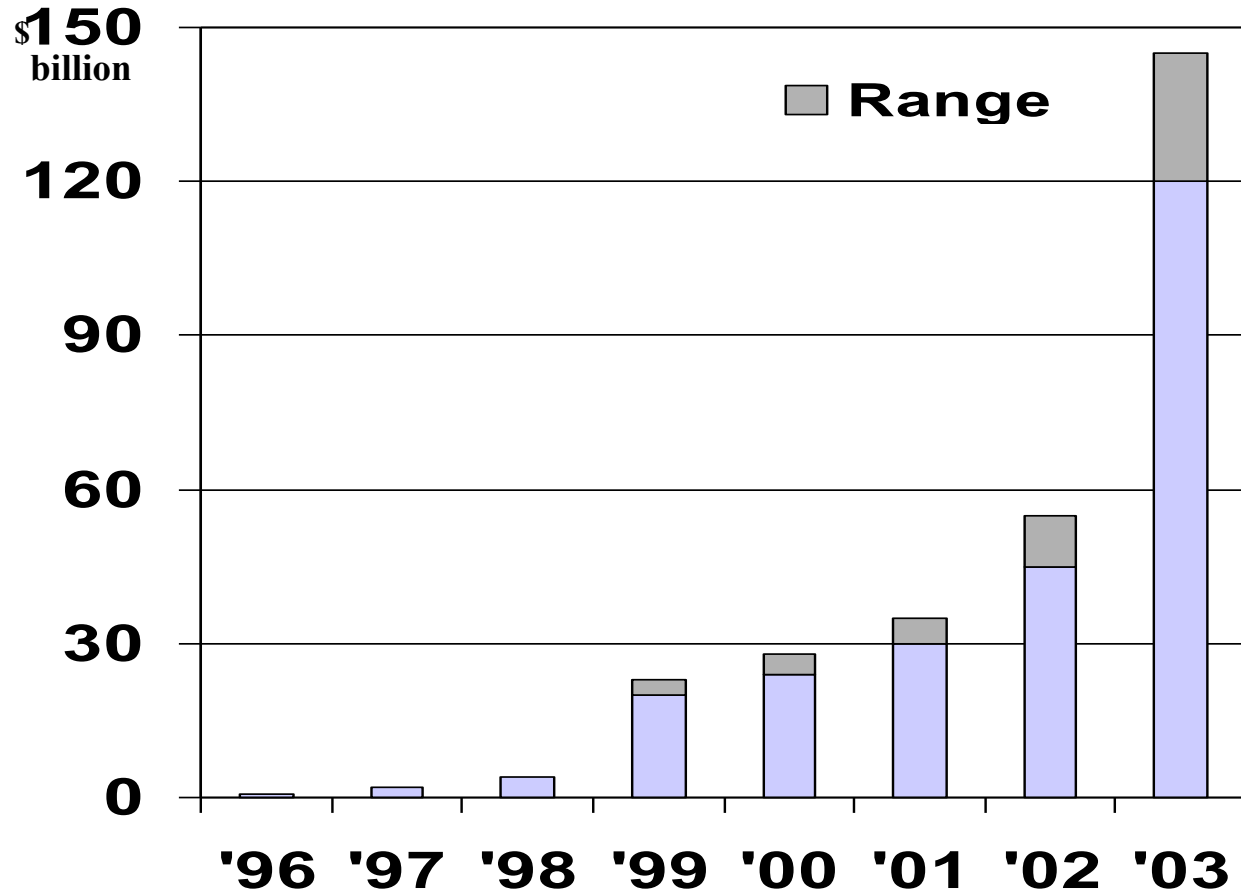




# Attack Sophistication v. Intruder Technical Knowledge



# Computer Virus Costs (in billions)



(Through Oct 7)



# *Implications for Indian Companies*

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- Corporate Financial Implications
- Legal Liability Could Effect Partnerships
- Cyber Security Could be Written into Trade Agreements



# *Corporate Finances*

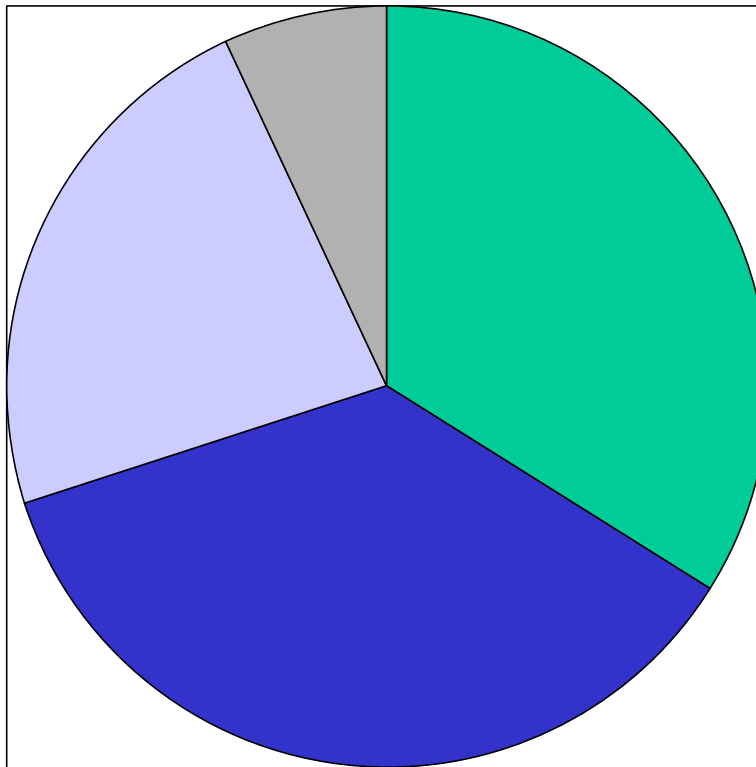
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- Attacks are inevitable
- You can mitigate risk, but not eliminate it.
- Many Companies are not insured



## *Chief Technology Officers' Knowledge of their Cyber Insurance*

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- 34% Incorrectly thought they were covered**
- 36% Did not have Insurance**
- 23% Did not know if they had insurance**
- 7% Knew that they were insured by a specific policy**





# ***ISAlliance Cyber-Insurance Program***

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- Coverage for members
- Free Assessment through AIG
- Market incentive for increased security practices
- 10% discount off best prices from AIG
- Additional 5% discount for implementing ISAlliance Best Practices (July 2002)



# *Legal Liability*

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- US State law already specifies liability
- Jones-Day review suggests companies must show they are above the mean in cyber security
- Partners will have to show security for its own sake and to fend off liability



# *Regulatory/Trade Implications*

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- Intensive Interest in US Congress on Cyber Security
- Regulatory Proposals are being circulated demanding audits for cyber security
- Congressional Internet Committee 11/6/03  
“Should we write cyber security requirements into our future trade agreements?”



# Sponsors





# *What ISAlliance Does*

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- Successful Information Sharing
- Develops Widely Approved Best Practices and standards
- Develops Tools for Assessment
- Creates/advocates market incentives to improve cyber security
- Education and Training
- Outreach e.g. “Security Anchor Program”+



# *Cooperative work on assessment/certification*

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- TechNet CEO Self-Assessment Program
- American Security Consortium 3-Party Assessment program
- Bring cyber security to the C-level based on ISA Best Practices
- Risk Preparedness Index for assessment and certification
- Create a baseline of security even CEOs can understand
- Develop quantitative independent ROI for cyber security



# *ISAlliance/CERT Training*

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- Concepts and Trends In Information Security
- Information Security for Technical Staff
- OCTAVE Method Training Workshop
- Overview of Managing Computer Security Incident Response Teams
- Fundamentals of Incident Handling
- Advanced Incident Handling for Technical Staff
- Information Survivability an Executive Perspective



# *India Security Anchor Proposal*

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- Security Anchors are organizations who:
  - Provide secure channel for receiving reports about vulnerabilities and incidents
  - Provide assistance to members of its constituency in handling incidents
  - Disseminate incident related information
  - License and provide CERT training
  - Expand the culture of security





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