HP 2013 Cyber Risk Report Infographic

Ever Expanding Attack Surface

Mobile apps security

46% of mobile iOS and Android applications use encryption improperly.

52% Security issues were a result of insecure client-side operation

48% Insecure server-side application code or code quality issues – unstable application behavior

74% Unnecessary permissions

Old Technology Remains Vulnerable

Most targeted Java sub-components (2013)

Deployment

2D & Libraries

Java FX

The average CVSS score for a remotely exploitable Java vulnerability is **7.57**, which classifies them as high in severity

Almost **50%** of the issues fixed by the patches are CVSS **9.0** or higher with over **80** of those occurring in 2013

SCADA systems are increasingly targeted

Manufacturing processes

Power generation

Mining

Water treatment

Since Stuxnet in 2010, research in these vulnerabilities has dramatically increased. Attackers are simultaneously targeting multiple Java vulnerabilities more often to successfully compromise victims' computers.

Critical Vulnerabilities Remain Prevalent

49% of apps vulnerable to Access Control issues

40% of apps vulnerable to Cross-Site Scripting

33.5% of apps vulnerable to Cross-Frame Scripting