



Inspectors General -- IT Focus



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CIGIE Annual Reports and Semiannual Journal

of Public Inquiry





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within the Federal OIG community

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#### Who are the IGs?

The Inspector General Act of 1978, as amended, statutorily established the Federal Inspectors General (IG) as independent and objective units within most agencies whose duties are to combat waste, fraud, and abuse in the programs and operations of their respective agencies. To this end, each IG is responsible for conducting audits and investigations relating to the programs and operations of its agency. Additionally, IGs provide leadership and coordination and recommend policies for activities designed to promote economy, efficiency, and effectiveness, and prevent and detect fraud and abuse, in agency programs and operations. Learn more...



# Web Application Report Background

Report purpose: Examine controls to manage and secure the Federal Government's publicly accessible web applications

### Report scope

- Based on a previous NASA report
- 9 OIGs fully participated
- 22 additional OIGs responded to survey (data incorporated into report)
- HUD OIG Led

## Report Objectives

- Outline the project scope and methodology for conducting web application reviews
- Assess agency efforts to reduce and maintain web applications
- Report the findings and trends of participating agencies to identify, assess, and mitigate publicly accessible web application vulnerabilities

### Report Results

- > 7 total recommendations made to OMB
- Report used the FISMA IG Metric maturity model to assess maturity effectiveness



Managed

Repeatable

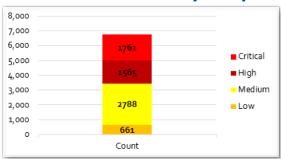
**Defined** 



# High Level Findings

- 1761 Critical and 1565 High vulnerabilities found
- Proper inventory of web applications lacking
- Majority of agencies (77%) were found to be at FISMA IG maturity level 1 or 2
- Report publicly posted
  - www.IGNet.gov
  - www.oversight.gov

#### Count of vulnerabilities by severity



77 percent of agency results were at level 1 or 2 maturity level, resulting in ineffective security processes and procedures