



## Nominee Showcase Presentation

# ISE<sup>®</sup> North America Executive Forum and Awards 2012

*Company Name:* Automatic Data Processing, Inc. (ADP)  
*Project Name:* Trusted Platform Security Initiative (TPSI)  
*Presenter:* Roland Cloutier, Bill O'Connell, AJ Anand  
*Presenter Title:* Chief Security Officer and team





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# Company Overview



Automatic Data Processing,  
Inc. (ADP)

- One of the world's largest providers of business outsourcing solutions including HR, payroll, and benefits – to employers and automotive dealerships globally
- Revenue: \$10 billion
- Clients: 600,000 in more than 125 countries
  - More than 90 FORTUNE 100 companies use at least one of ADP's services
- Employees: 55,000
  - Working in over 300 offices, in over 60 countries
- Payees: 34 million
  - Pays 1-in-6 U.S. employees
- Money Movement: \$1.3Trillion
  - Electronically moves over \$1.3 trillion a year in U.S. in client tax, direct deposits, and related client funds





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# Overview of Business Challenge

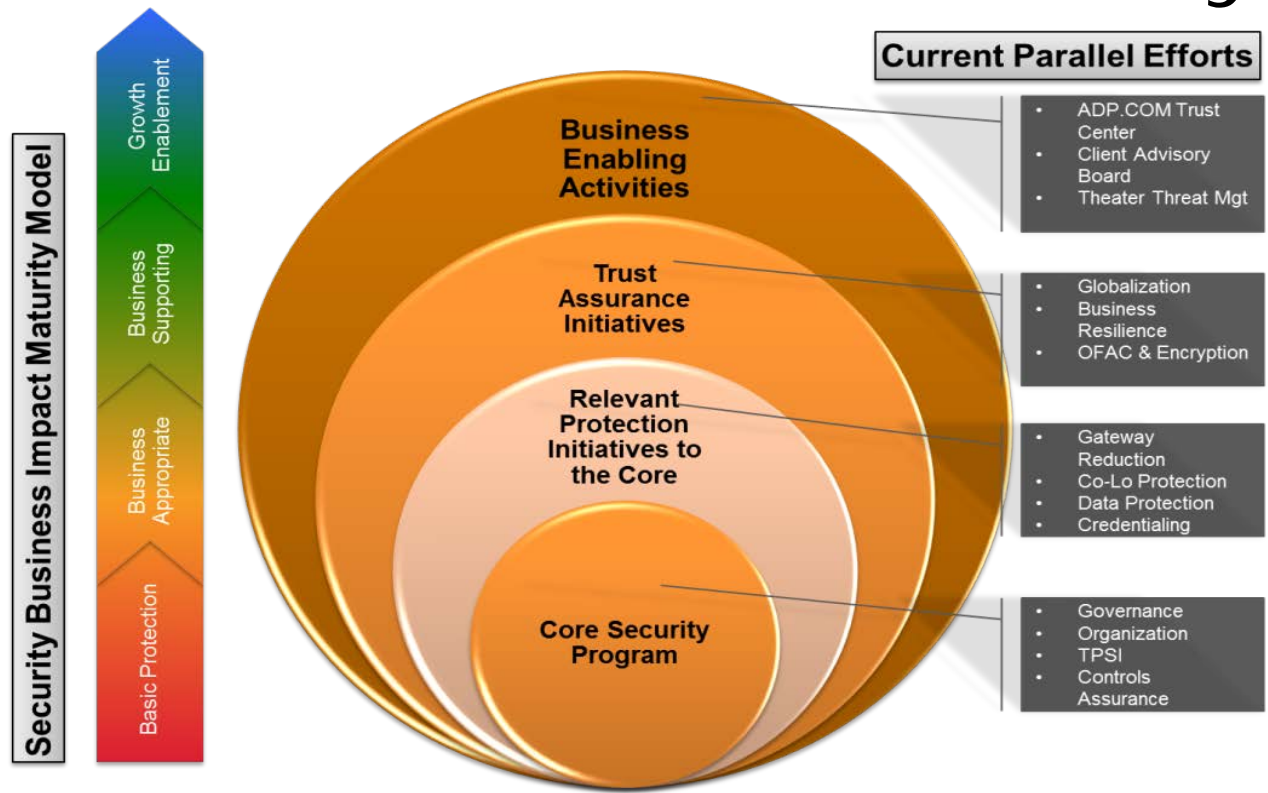
- Ensure the protection of **client data** and **client funds** globally
- Overcome the **traditional silos** of organizations, platforms, tools, and, mindsets





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# How we View Security





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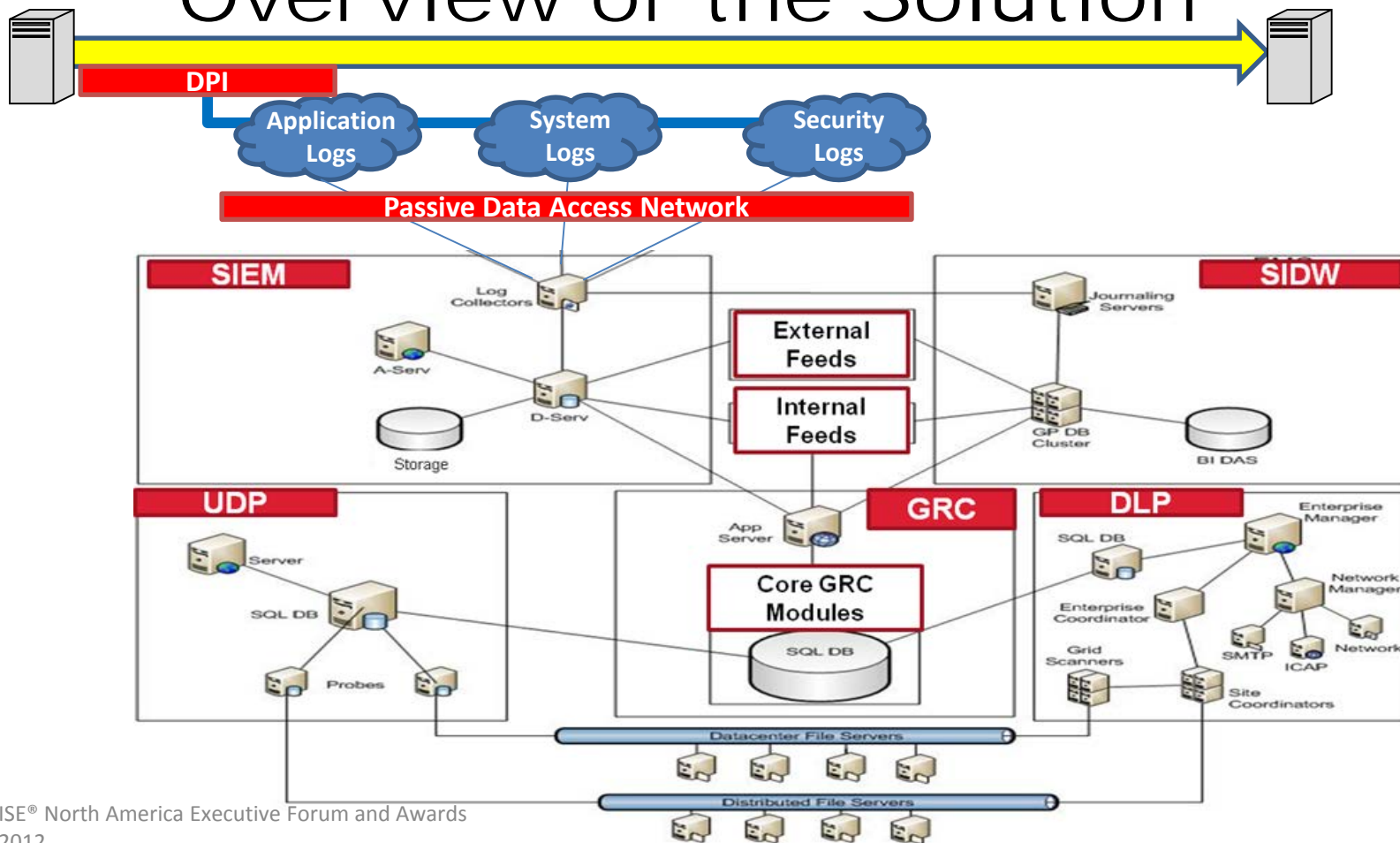
# Project Overview

- Build an Enterprise-wide, integrated ecosystem of advanced security technologies
- Create a foundational Security Information Data Warehouse (SIDW) to unify all security events globally for data enrichment and high-speed analytics
- Lead a global deployment of multiple technologies:
  - Passive Data Access Network (PDAN)
  - Security Information Data Warehouse (SIDW)
  - Security Information and Event Management (SIEM)
  - Governance Risk and Compliance (GRC)
  - Data Loss Prevention (DLP)
  - Unstructured Data Protection (UDP)
  - Deep Packet Inspection (DPI)
  - Authentication & Authorization



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# Overview of the Solution





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# Project Scope/Goals

- 17 Racks in Core DC's
  - 5 International, 6 Domestic
    - Weight: 1600 lbs
    - Cooling: 18,243 BTU /hr
    - Power: 30 amps (x2)
- Timing
  - Shipped in Month 1
  - Installed in Month 2
  - Online in Month 3

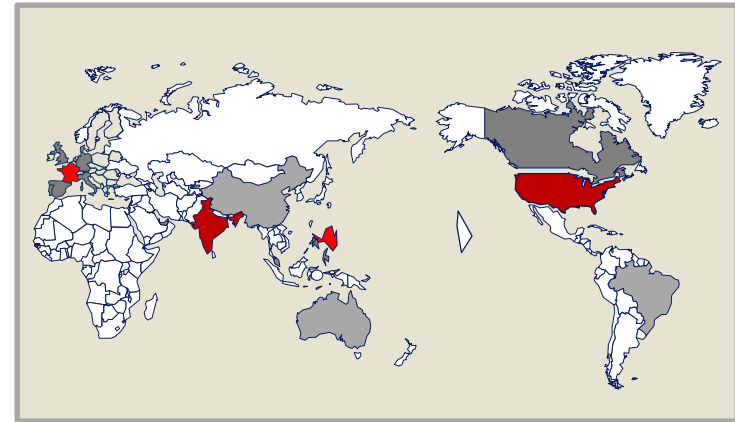




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# Implementation Approach

- Decompose into manageable components / phases
- Prioritize the phases
- Schedule Many Meetings
- Provide Multiple Communications
- Drive Partnership and collaboration







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# Project Results

### Accomplishments

- Deployed 17 racks to 13 global locations in 3 months
- All tools operational
- Over 300 Physical or Virtual appliances deployed globally
- Now being used as a foundation for more advanced applications...AI, Statistical Analysis, Long Term Baseline for trending, Event Enrichment....

### Security Metrics

- **2.5 Billion of Security events per day**
- **Over 100,000 of devices integrated and reporting events**
- **18Pb of data in the Warehouse. Queries from seconds to 1 hour.**





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# Lessons Learned/Best Practices

- Communication and collaboration
- Be cognizant of data center limitations – space, power, capacity and physical size
- Procurement and Logistics –especially internationally
- Privacy laws – especially internationally

