

## The Next Digital Normal in Information Assurance

The increase in cybersecurity related incidents are serving as a wake-up call to many CIOs and CISO's throughout government and industry. While major steps have been taken over the last few years to add more layers to the security puzzle, there is still work to be done to get to the root cause and build strong foundations to manage enterprise risk and real-time compliance.

Taking a proactive approach to using the domain expertise and advanced digital technologies available to us today will help agencies and organizations focus on their core goals, create efficiencies in their information system security environments and reduce significant risks.

Today's agencies and organizations generally have a very complex and overly taxed information assurance environment and team. From keeping track of all the security controls in one or more information system, to validating, remediating, configuring and manually documenting all of this activity reactively among other things.

We are seeing a drastic transformation in the area of integrated risk, configuration and compliance of security controls across a set of key macro level digital drivers. The matrix below provides a quick overview of our recommendations on alignment of digital drivers and core Information assurance activities which will help agencies and organizations reduce cost, risk and increase efficiency.

Digital Driver	Alignment to Information Assurance
Data Analytics	<ul style="list-style-type: none"> <li>Real Time compliance and risk monitoring/ dashboards</li> </ul>
Automation	<ul style="list-style-type: none"> <li>Automation of the entire security control validation and automatic remediation process including auto ingestion of STIGS.</li> <li>Interactive and automated System Security Plan (SSP)</li> </ul>
Cybersecurity	<ul style="list-style-type: none"> <li>Integrated Cyber Risk, Configuration and Compliance of Security controls</li> <li>Simplifying the security of enterprise information systems</li> </ul>
Internet of Things (IoT) & Edge	<ul style="list-style-type: none"> <li>Re-establishing the risk, configuration, compliance and remediation boundary to account for sensor based technologies</li> </ul>
Cloud	<ul style="list-style-type: none"> <li>On demand access to manage your information system security ecosystem, reducing capex costs</li> </ul>
Experience Design	<ul style="list-style-type: none"> <li>Intuitive user experience to provide visualizations across compliance, controls and devices</li> <li>Simple design – easy to use – Self-heal, minimal click interface</li> </ul>