

Cybersecurity Services

Security all the way down



LATCH focuses on achieving Zero Trust Architectures, maintaining Authority to Operate, and provide cost effective plans and strategies that best fit the customer's needs. Our proven expertise allows us to plan, estimate, mitigate risks, and support Security Impact Analyses. We identify integration patterns, architect applications, and support users through off-the-shelf-products and cloud-based systems. Our senior leadership and lean processes enable our team to build trust with customers through visibility into projects; mitigate risks; and ensure continuity of operations.

Near Real Time Identity Operations

- Provided application architecture, design, and implementation details; an Integrated Master Schedule (IMS); and cybersecurity and Authority to Operate (ATO)
- Planned, estimated, budgeted, and performed cost control and management throughout the project lifecycle
- Supported the NRTIO project team in biometric and identity screening
- Provided input and expertise for Cybersecurity Summaries to include information, understanding, and answers to questions relating to cybersecurity implementations through AWS
- Provided cloud architecture and design documentation and interpreted and answered questions in support of a Security Impact Analysis (SIA) and Risk Management Framework (RMF) activities
- We supported a strategic transfer of knowledge by educating security personnel on oversight and security scanning

Okta Integration Support

- Work towards Zero Trust Architectures to combat external and internal cyber threats that are accessed from Identity and Access Management Solutions (IdAM) solutions
- Architected the removal of implicit trust between sub-systems and interfaces
- Validate endpoints for each transaction using a secure authentication mechanism and authorization of access
- Protect interfaces and endpoints to combat internal versus external designations as well as support Zero Trust Architecture
- Define paths towards password-less logins for internal users by implementing a Personal Identity Verification (PIV) multi-factor solution
- Identify integration patterns that support USPTO applications, including off-the-shelf products and on-premises and cloud-based systems supporting users
- Created solutions to increase security, which resulted in a cost savings of \$3.5M

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With the continued evolution of technologies and migration towards cloud environments, there is an increased need for an extensive, comprehensive, and cost-effective approach to cybersecurity services. LATCH brings three key aspects to any cybersecurity engagement: senior leadership, lean processes, and cybersecurity expertise. With experience in cloud-based Zero Trust Architectures and a strong preference for creating defense in depth solutions, we bring needed help to Agencies that require extensive and cost-effective cybersecurity services.

RMF AND ATO SUPPORT

LATCH supports the development, O&M, and change management teams; manages security testing tools; and provides response support. We support Certification and Accreditation/Assessment and Authorization activities by assembling security authorization packages which include a security plan, security assessment report, and Plan of Action and Milestones. We plan, optimize, and engineer architectures, software, and security tools.

IDENTITY AND ACCESS MANAGEMENT

LATCH support Identity as a Service (IDaaS) Identity and Access Management (IAM) solutions with the processes, infrastructure, and services required to support credential management. We implement a four-step process with emphasis on identity proofing and Multi-Factor Authentication (MFA) best practices. This provides a holistic assessment of users, their technical environment, and the nature of actions they need to complete. Our IDaaS solutions can be used with on-premise, cloud, mobile, and internal/external interfaces.

TESTING AND CONTROLS

Our cybersecurity engineers engage with development, O&M, and change management teams to manage security testing tools, and provide response support during security incidents. We configure and test security controls in on-premise and cloud systems to protect data and maintain functionality. Our services support DevSecOps teams. We help customers sustain secure and resilient systems by planning, optimizing, and engineering security solutions.

CYBERSECURITY TRAINING

LATCH provides cybersecurity training support services using the Agile ADDIE model to rapidly iterate and prototype training tailored to varying cybersecurity roles. We conduct extensive data collection that includes task observation, technical document research, and direct collaboration with SMEs for all cybersecurity roles. We design innovative and creative instructional content to emphasize self-direction, incorporate experiences, and provide a motivational element to encourage engagement, comprehension, and retention.