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Accelerating Modernization with HumanAI: Hard Rock Digital's Journey

Facing rising costs and a fragile, monolithic architecture, Hard Rock Digital engaged Presidio to modernize its claims processing platform. Through HumanAI—a GenAI solution powered by Amazon Bedrock and Amazon Q—HRD delivered a modernized service in record time, laying the foundation for scalable, AI-assisted transformation across the enterprise.

Challenge: Hard Rock Digital needed to modernize its monolithic application architecture that was driving up costs, limiting agility, and introducing security risks. Mounting technical debt, poor code organization, and complex interdependencies made it difficult to maintain and scale the platform.

Solution: Presidio deployed _HumanAI (HAI)_, an AI-powered modernization framework built on Amazon Bedrock and Amazon Q, to transform the legacy system.
- Amazon Bedrock was leveraged for model-powered code comprehension, refactoring, and automated test case generation.
- Amazon Q was embedded to improve documentation, developer support, and productivity.
- A secure AWS Landing Zone enabled isolated testing, governed development, and adoption of AWS-native services.

Outcome:
- **60% faster** modernization timeline vs. traditional approaches
- **Reduced AWS operational costs** by isolating workloads and optimizing architecture
- **Improved security and manageability** through cleaner codebases and automated test coverage
- **Increased AWS consumption** through scaled use of Bedrock, Q, CloudTrail, S3, and Config services

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