DevSecOps Consulting

Implementation of GitHub Advanced Security for GitHub and Azure DevOps

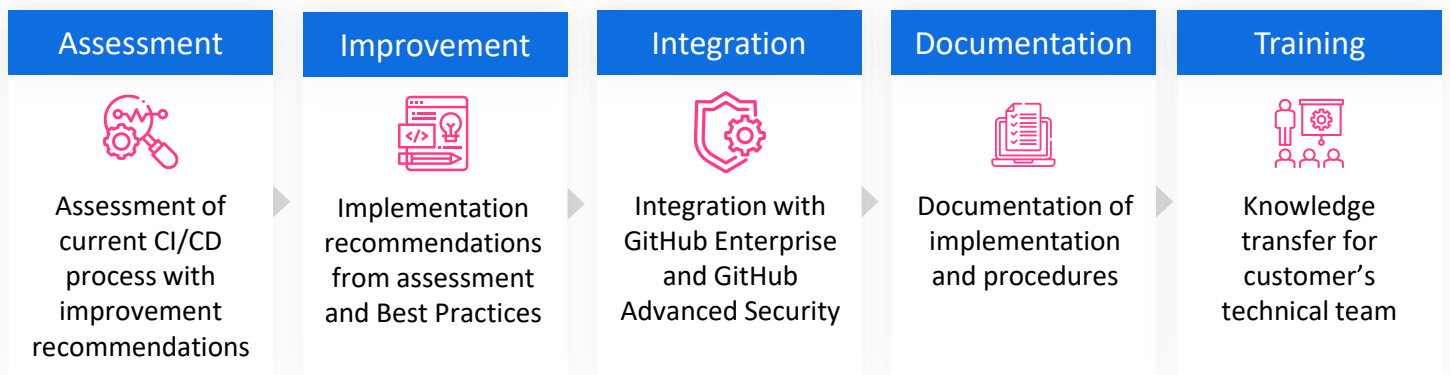## Increase security of CI/CD pipeline using GitHub Advanced Security

GitHub Advanced Security helps organization to secure their development proces with several features:

- **Code scanning** – feature for analyze the code in GitHub respository to find security vulnerabilities and coding errors with automated reporting and alerting. You can analyze your code using CodeQL or other third-party code scaning tools that output Static Analysis Results Interchange Format (SARIF) data.
- **Secret scanning** – feature which search for strings which match patterns for any secred data like database connection strings, passwords, tokens. If secret scanning detects a potential secret, GitHub will notify the service provider who issued the secret. The service provider validates the string and then decides whether they should revoke the secret, issue a new secret, or contact you directly. Their action will depend on the associated risks to you or them.
- **Dependency review** – verification of dependency in code, security impact of those depedency. Code is verified on every pull request and provide visualizaion of dependenty changes.

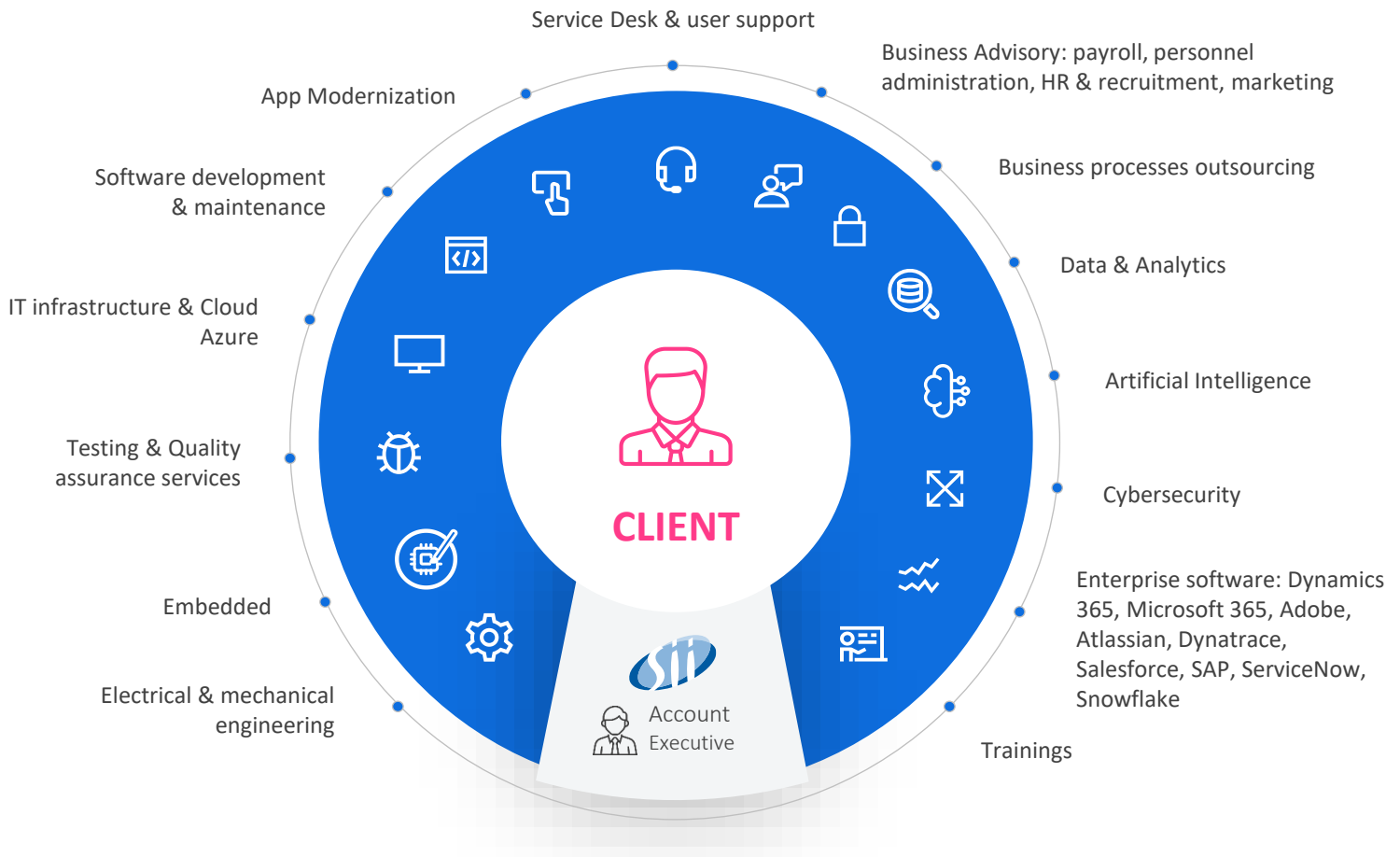## Why our clients decide to implement GitHub Advanced Security

➢ Improvement of code security through automated security tests

➢ Reducing the risk of sharing secrets in the application code that may affect the security of access to data

➢ Eliminating unsafe libraries and reporting detailed data on the dependencies used in the code

Scope of Work:

Assessment	Improvement	Integration	Documentation	Training
Assessment of current CI/CD process with improvement recommendations	Implementation recommendations from assessment and Best Practices	Integration with GitHub Enterprise and GitHub Advanced Security	Documentation of implementation and procedures	Knowledge transfer for customer's technical team

Offer – One-stop shop

All services you need provided by one company

Service Desk & user support

Business Advisory: payroll, personnel administration, HR & recruitment, marketing

App Modernization

Business processes outsourcing

Software development & maintenance

Data & Analytics

IT infrastructure & Cloud Azure

Artificial Intelligence

Testing & Quality assurance services

Cybersecurity

Embedded

Enterprise software: Dynamics 365, Microsoft 365, Adobe, Atlassian, Dynatrace, Salesforce, SAP, ServiceNow, Snowflake

Electrical & mechanical engineering

Trainings

CLIENT

Account Executive

Tangible Benefits / Desired Outcomes

✓ You take care of your business development - we take care of the cloud

✓ Our architects will support you in the latest technologies

✓ We are ready to maintain your infrastructure with dedicated support team

Microsoft Solutions Partner

Why Sii

600 certifed experts

Solution Architects, Network Engineers, Security Engineers, DevOps Architects, Data Engineers, Azure Administrators, Azure Developer, Cybersecurity Artchitects, D365 Consultants, Power BI Analysts

Leading cloud services

Microsoft Azure, Microsoft 365, Dynamics 365, Power Platform

Innovative industry solutions

For manufacturing banking, healthcare, real estate and public sectors

End-to-end Project Support

Mrom preliminary data analysis, target model creation, implementation on dedicated devices to maintenance