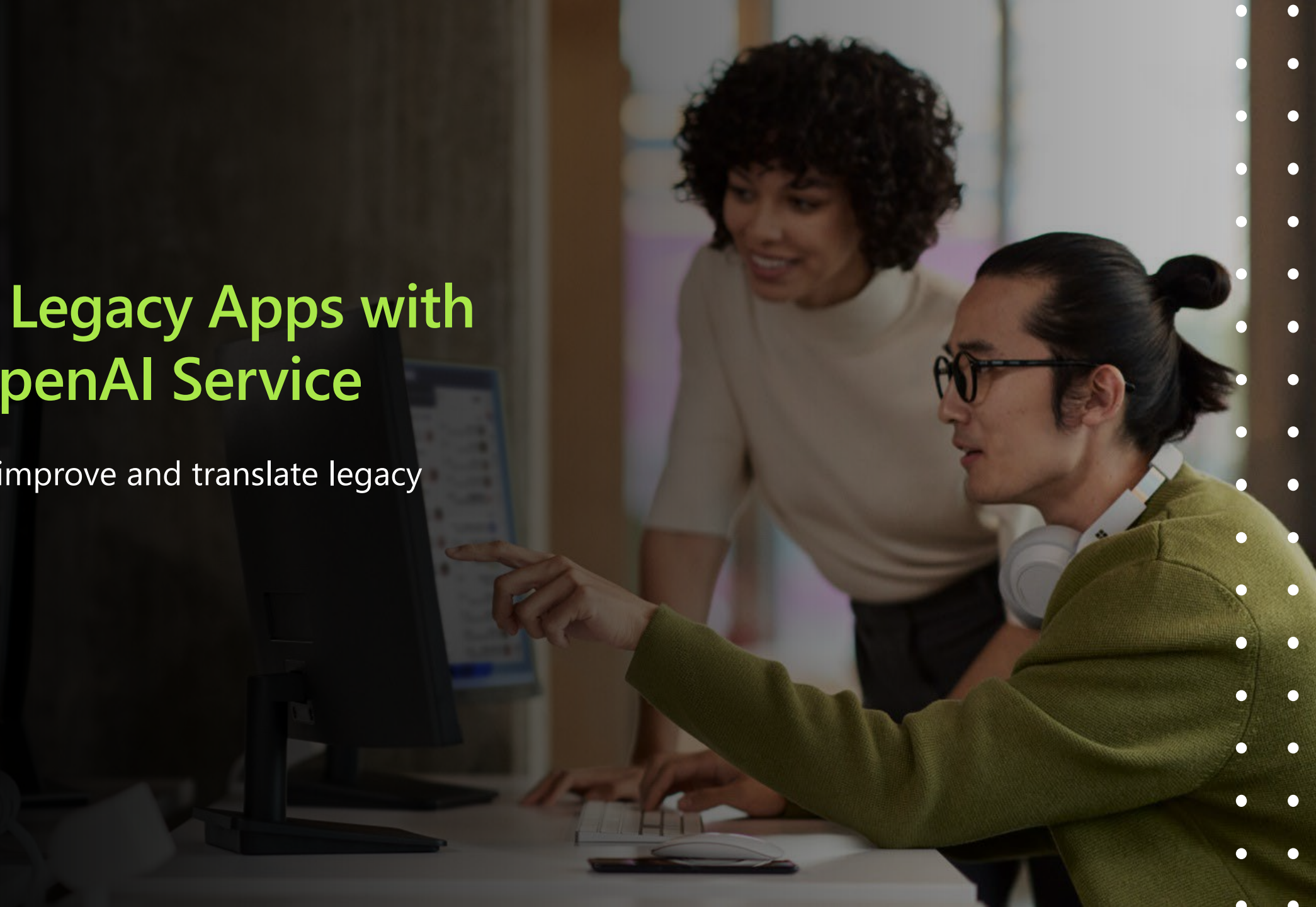Microsoft

Migrate Legacy Apps with Azure OpenAI Service
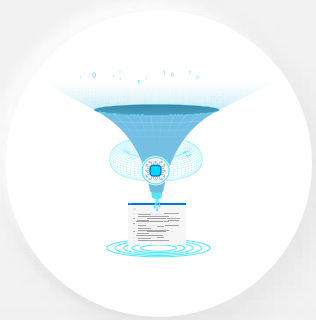
Help IT teams improve and translate legacy code with AI

Migrate Legacy Apps with Azure OpenAI Service
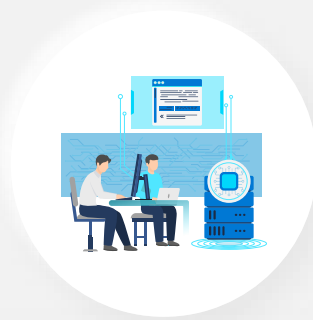## Technologies to Make This Possible

Grounding	Assessment	Initial drafts	Development and iteration

Exposing the model to examples of the organization's COBOL code anchors the model in the language, ensuring that the generated code is not only syntactically correct but also semantically meaningful and aligned with the intended functionality of the source code.
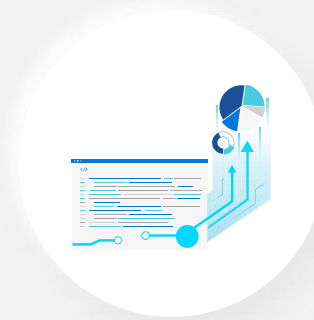
- Azure OpenAI Service

Legacy applications contain a huge volume of code. Generative AI can review this code at scale to reduce manual effort for developers by identifying which elements are business logic and which are tied to legacy hardware and must therefore be rewritten from scratch.

- Azure OpenAI Service

Generative AI understands patterns, structures, and semantics inherent in code. These models learn meaningful representations of code in a language agnostic manner, perceiving the underlying logic and using contextual understanding to preserve the intended functionality.

- Azure OpenAI Service

The translation model generates initial drafts of segments which gives the team a head start to iterate on. GitHub copilot can be used to refactor the code in the new language.

- Azure OpenAI Service
- GitHub Copilot