



GUIDEWIRE ON AZURE

Flexible Guidewire deployment utilizing
Cloud native technologies

Microsoft
Partner



2021 Partner of the Year Winner
Financial Services Award
Global SI Digital Transformation Award
Analytics Award





INDUSTRY: INSURANCE COMPANIES SELF-HOSTING GUIDEWIRE MIGHT FEEL CONSTRAINT IN THEIR TIME TO INNOVATE

Our solution addresses some of the common difficulties customer face when running Guidewire. Insurers can move much faster as our solutions provides the scale and responsiveness to meet its SLAs. This increases the freedom of the insurer's business and the ability for IT teams to partner together to focus on the meaningful insurance projects and products to achieve their mission.

CHALLENGES

Self-hosting Guidewire or even running Guidewire on IaaS in the Cloud might lead to number of challenges like:

- Low uptime and performance
- High complexity
- Insecure environments
- Extended upgrade time to new versions

IDEAL SOLUTION

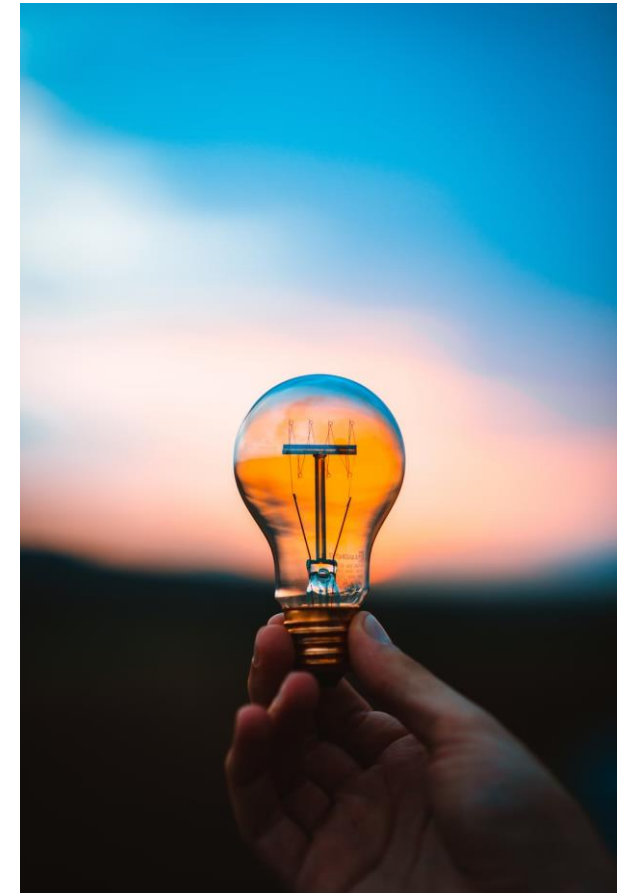
Using best of breed technologies, we help address the challenges Insurance customers face:

- Containerized technologies to improved reliability and resilience
- Automated deployments and updates to make running Guidewire seamless
- Using best practices, we ensure systems are secure and compliant

DESIRED OUTCOMES

Some of the benefits our solutions offers are:

- Faster time to value
- Focus on business goals rather than IT hassles
- Increased quality of the implementation



CAPGEMINI NAMED THE LEADER FOR GUIDEWIRE SERVICES



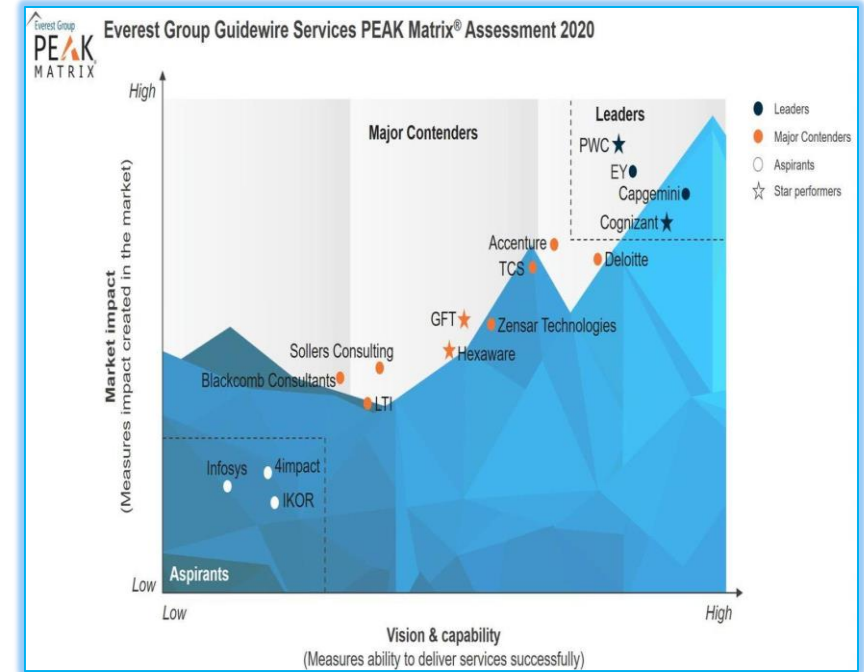
- **First ever Guidewire Implementation Partner** in 2004
- **Delivered the first Guidewire partner-led engagement**
- **First Beta partner for Guidewire releases**
- **First to lead an end-to-end Insurance Suite implementation**
- **First to develop an asset-driven implementation approach;**



- **First to deliver fixed-price SLA driven AM service.**
- **First partner to perform an independent upgrade**
- **First partner to offer insurance processing services on Guidewire**



- **First partner to run Guidewire on any Cloud Platform**
- **First partner to launch PaaS with Capgemini's Insurance Connect Solution**
- **First Guidewire Insurance Suite on Azure**
- **First on Azure, Build & State Roll-out on Guidewire managed cloud**
- **First and only partner to deploy on On-Prem, AWS, Azure, Capgemini Cloud Platform, Self-Managed and Guidewire Cloud.**
- **Delivered the First v7-10, v8-10 & v3-10 upgrade**





GUIDEWIRE ON AZURE

Guidewire running on best of breed and Cloud native technologies enables Insurance to accelerate their business.

1

Lower TCO and Cost Transparency

Ability to right-size and auto scale to utilize elastic approach to resource management results in decreased TCO.

Azure allows for well metered cloud costs and ability to perform chargeback.

2

Greater Business Agility and Improved User experience

Automated environment management allows business to focus on maximizing value.

Using Cloud platform, we build highly reliable systems deployed closer to the user base.

3

Improved Security and Compliance

Azure has wide range of security and compliance certifications, that our solution benefits from.

Additionally, we use best practice security configurations to apply on data and secrets.

Our solution support various regulatory compliance frameworks: **PCI-DSS, HIPAA, SWIFT**, etc.





CAPGEMINI GUIDEWIRE ON AZURE & MICROSOFT

Microsoft Azure is the preferred Cloud platform for Fortune 100 and UK FTSE customers and Financial Services Organizations.

Capgemini enables Insurers to quickly build their Guidewire environments in Azure using cloud-native technologies.

Elasticity and reliability with Azure Kubernetes Service

We run Guidewire on Azure Kubernetes Service, which allows fast deployments and updates, horizontal and vertical scaling on demand.

Security with Azure KeyVault

Our solution encrypts data at rest and in transit and utilizes KeyVault for storing encryption keys and certificates. Additional features include mature Traffic Control and native DDoS protection. We can deploy Service Mesh solutions based on customer requirements.

End-to-end automation with Azure DevOps

Running CI/CD pipelines from Azure DevOps we deploy Infrastructure as Code with Terraform, and Applications with Helm charts.



CAPGEMINI DIFFERENTIATORS FOR ACCELERATED GUIDEWIRE DEPLOYMENT



Accelerators and Experience

- Guidewire Expert Services Model developed jointly with vendor
- Successful track record delivering FS engagements
- Proprietary accelerators, including country-specific frameworks, vendor integrations, etc
- Assets and accelerators for PolicyCenter
- IaC assets for Infrastructure deployment and Helm charts
- CI/CD pipelines for infrastructure and application deployment



Guidewire Implementation Methodology

- Project accelerators and asset designed explicitly for the Guidewire product suite
- Standardized frameworks for development, testing and application management
- Proven processes for change and program management, project estimation and requirements analysis that support engagement success



Guidewire Enablers

- Rapid Solution Workshops
- Out-of-the-box business requirements functionality matrix
- Design documentation templates
- Field level specifications
- End-to-end testing assets including use cases, use case models, test scenarios, test cases, test data, and other test assets
- Migration methodology
- Custom Guidewire reporting



Upgrades and Testing

- Capgemini's upgrade factory to carry out technical upgrades of the implemented functionality of the Guidewire application
- Functional/system testing
- Regression testing
- User acceptance testing
- Performance and security testing



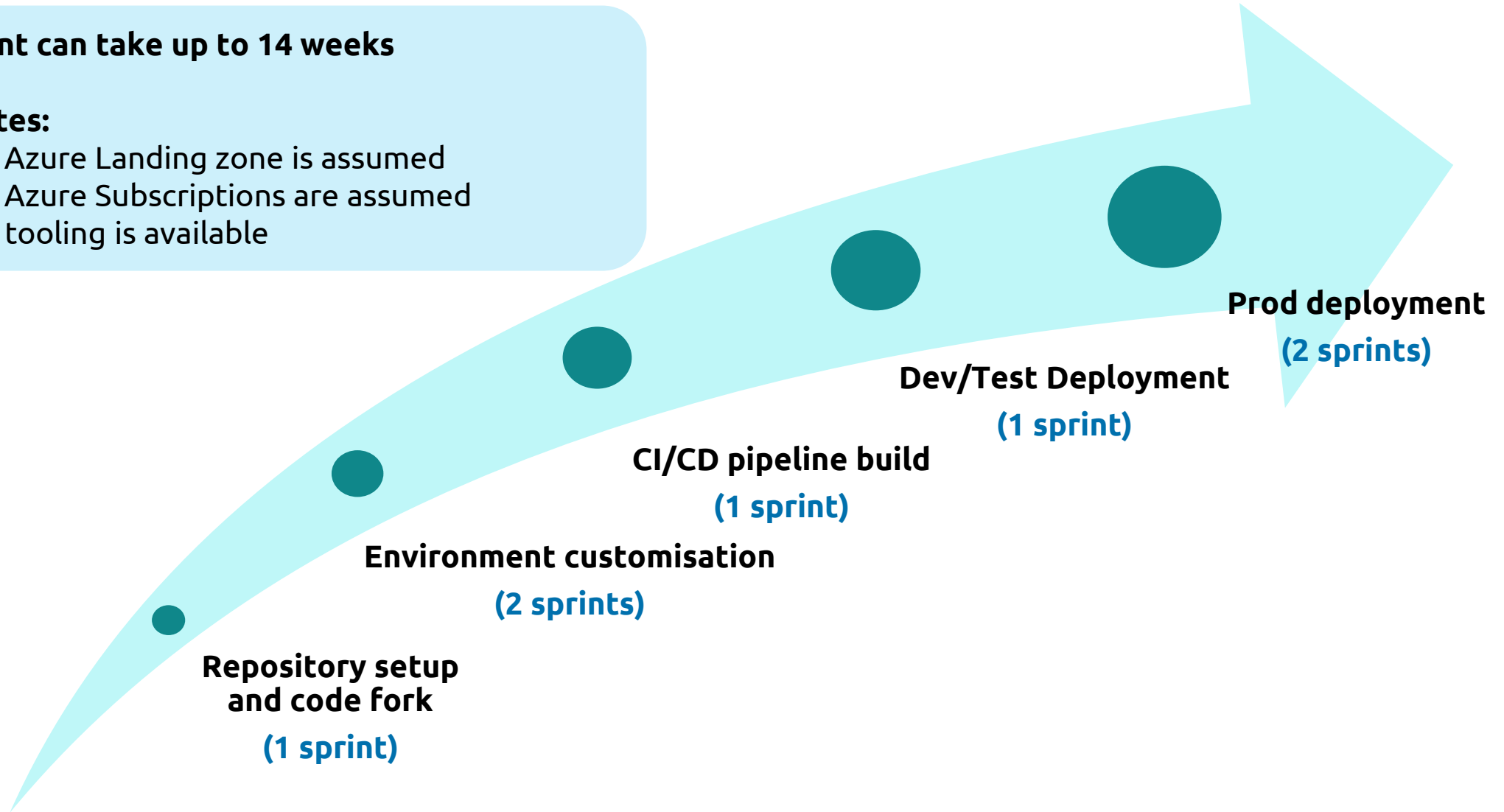


ENGAGEMENT PROCESS

Engagement can take up to 14 weeks

Prerequisites:

- Existing Azure Landing zone is assumed
- Existing Azure Subscriptions are assumed
- DevOps tooling is available

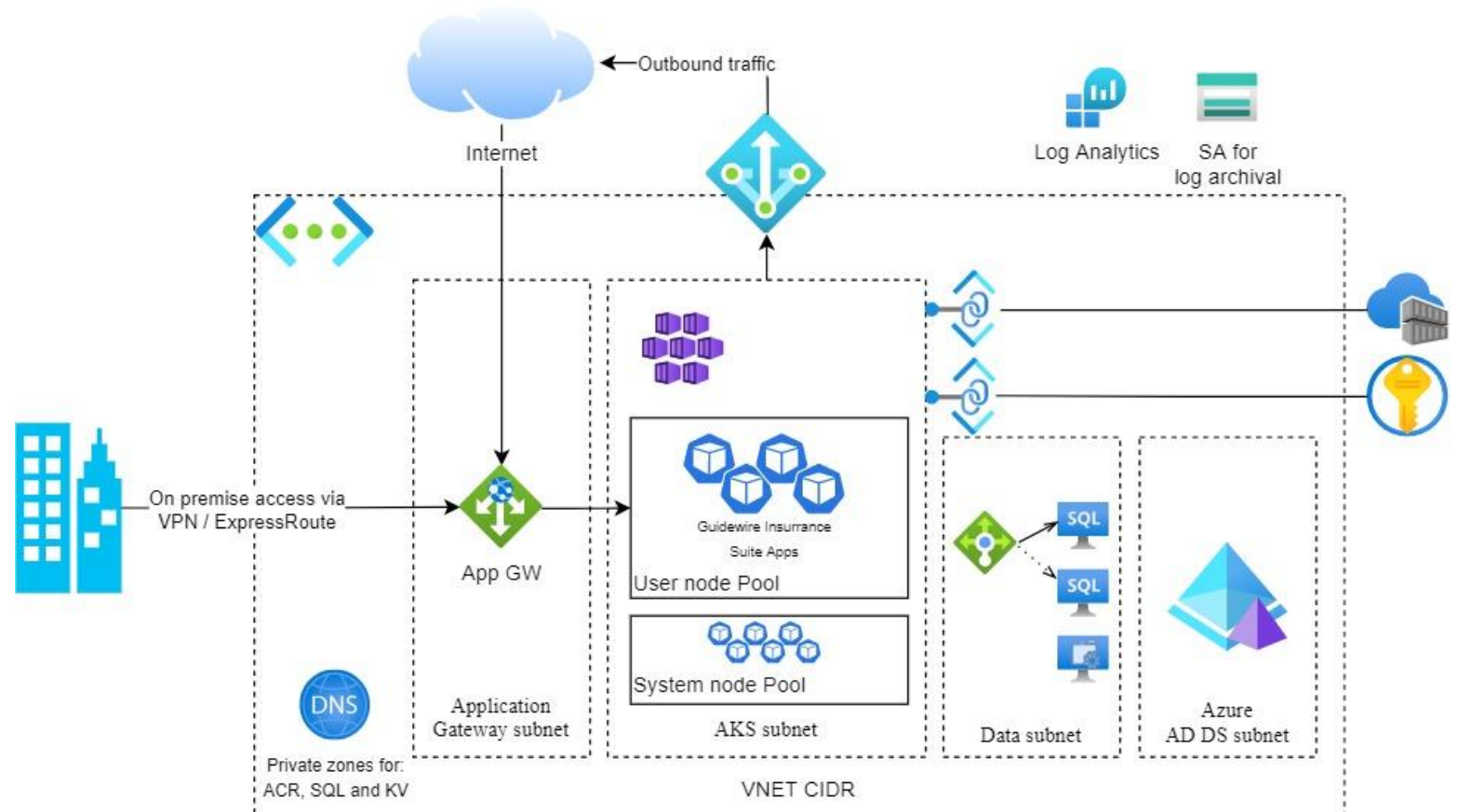




GUIDEWIRE REFERENCE ARCHITECTURE

Notes:

- Inbound Internet access to Applications is optional
- Depicted infrastructure can be easily connected to an existing Landing Zone
- Azure AD DS may be replaced with customer-owned AD DS
- NAT Gateway may be replaced with customer Firewall in Landing Zone (AKS requires outbound Internet access)
- Azure Monitor is used, but it may be replaced with customer specific logging and monitoring tools





CAPGEMINI GUIDEWIRE ON AZURE

Microsoft Partnership:

<https://www.capgemini.com/partner/microsoft/>

Guidewire Partnership:

<https://www.capgemini.com/in-en/partner/guidewire/>

Contact us: microsoft.fs@capgemini.com

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Gold DevOps
Gold Application Development
Gold Data Platform





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