WISSEN

Great Place To Work. Certified SEP 2020–AUG 2021 INDIA

Accelerate, Optimize, and De-risk your Cloud Ops

with the

Wissen IaC Accelerator

Wissen Overview

WISSEN

$1 BN
DELIVERED PROJECTS VALUE

4000+
HIGHLY SKILLED PROFESSIONALS

20+
FORTUNE 500 CLIENTS

MIT, WHARTON, IIT
LEADERSHIP & TECHNOLOGY TEAM

GLOBAL PRESENCE
US, INDIA, UK, AUSTRALIA, MEXICO, CANADA

CMMI LEVEL 3
ISO 9001:2008
ISO/IEC 27001:2013

We aspire to be your delivery partner for executing transformational projects and accelerate implementation through thought leadership

Our ethos is to provide exceptional value for every dollar spent on our consulting services

ISO 9001 CERTIFIED · ISO 27001 CERTIFIED · CMMI LEVEL 3 · Great Place To Work Certified SEP 2020–AUG 2021 INDIA

- Wissen Group, established in 2000 is 4000+ employees globally
- Wissen Technology was established in 2015 with a specific focus on enabling digital transformation
- **Focus Areas** –
  - Banking and Finance
  - Telecom
  - Healthcare
  - Retail/E-Commerce
  - Manufacturing
- **Locations** – India, U.K., U.S, Australia, Canada, Mexico, Philippines

Domain Expertise

Strong domain expertise across the entire spectrum of projects in BFSI, Telecom, Healthcare, Manufacturing and Energy

Technology Expertise

Solid expertise in solving real world problems by using the most applicable technology for the problem at hand

Program Management

Best in class ability to manage delivery of projects and services on time using agile iterative development methodologies

Talent Management

Robust approach to hiring, training and talent management to ensure that projects are executed by highly capable teams

Knowledge. Insight. Action.

Offerings - Transformation Through Engineering Excellence

Wissen has been designed from ground up with a strong focus on new age tools and technologies to rapidly drive your digital transformation journey.

DISTRIBUTED APPLICATION DEVELOPMENT	DIGITAL	HIGH END QUALITY ASSURANCE & DEVOPS	MACHINE LEARNING, ANALYTICS & RPA	CLOUD ADOPTION	TECHNICAL OPERATIONS & SUPPORT

DISTRIBUTED APPLICATION DEVELOPMENT	DIGITAL	HIGH END QUALITY ASSURANCE & DEVOPS	MACHINE LEARNING, ANALYTICS & RPA	CLOUD ADOPTION	TECHNICAL OPERATIONS & SUPPORT
• Thorough expertise in building large scale distributed systems. Ability to build low latency, high throughput systems • Ability to contrast technology choices leveraging our best-in-class technology experts • Insights into No-SQL landscape and emerging computing platforms such as Spark	• Strong capability in designing and building user touch points • Expertise in building web and mobile applications (Android and iOS) • Experience in dealing with ARIA Accessibility guidelines, L10N and I18N • Iteratively turn wireframes and prototypes into production quality web and mobile experiences	• A QA practice that actually delivers with people having domain knowledge and a zeal for automation • Wissen's test automation methodology is well accustomed to agile and DevOps environment ensuring consistent ROI during the entire project life cycle. • Strong DevOps capability to engineer the entire build and deployment pipeline.	• Expertise in NLP and extraction of information from unstructured, semi-structured datasets • Solution accelerator for OCR. Combined with our NLP engine to auto-correct errors • Digital enablement through RPA powered solutions in combination with OCR/NLP and Machine Learning techniques	• Ability to build a complete application and system level gap analysis on existing on-prem systems • Experience in architecting cloud ready, large scale distributed applications • Expertise in niche skill sets around DevOps and Cloud Monitoring	• Capabilities to provide 24x7 support across Level 1and Level 2 • Delivery models and service levels tailormade according to the requirements • Continuous Service Improvement framework supported by our Automation Centre of Excellence • Secure and resilient data centre operations

Accelerator Based Thought Leadership & Delivery – Use Cases

WISSEN

Data Analytics on Cloud

- IaC accelerator to create data engineering pipeline with Snowflake and Databricks.
- Significant expertise in implementing ETL pipelines with best in class practices.
- Case Study – Implementation of data analytics platform for a large real-estate investment management firm, with a multi-cloud architecture using AWS and Azure.

On-Prem to Cloud Migration

- Cloud assessment, security questionnaire and IaC accelerator to create landing zone and CI/CD pipelines
- Capability to re-architect applications to use cloud-native services to minimize costs
- Case Study – Migration of a large analytics application with a large index and analytics company to Azure and GCP, in a multi cloud set up. The migration involved creation of landing zone, implementation of IaC and rearchitecture of code base to leverage cloud native services, such as Azure Service Bus.

Build New Digital Application on the Cloud

- Code-Gen accelerator to bootstrap development of cloud native applications with few clicks.
- Strong application development expertise.
- Case Study – Development of commodity trading platform on AWS for one of the largest commodity trading companies in the world.
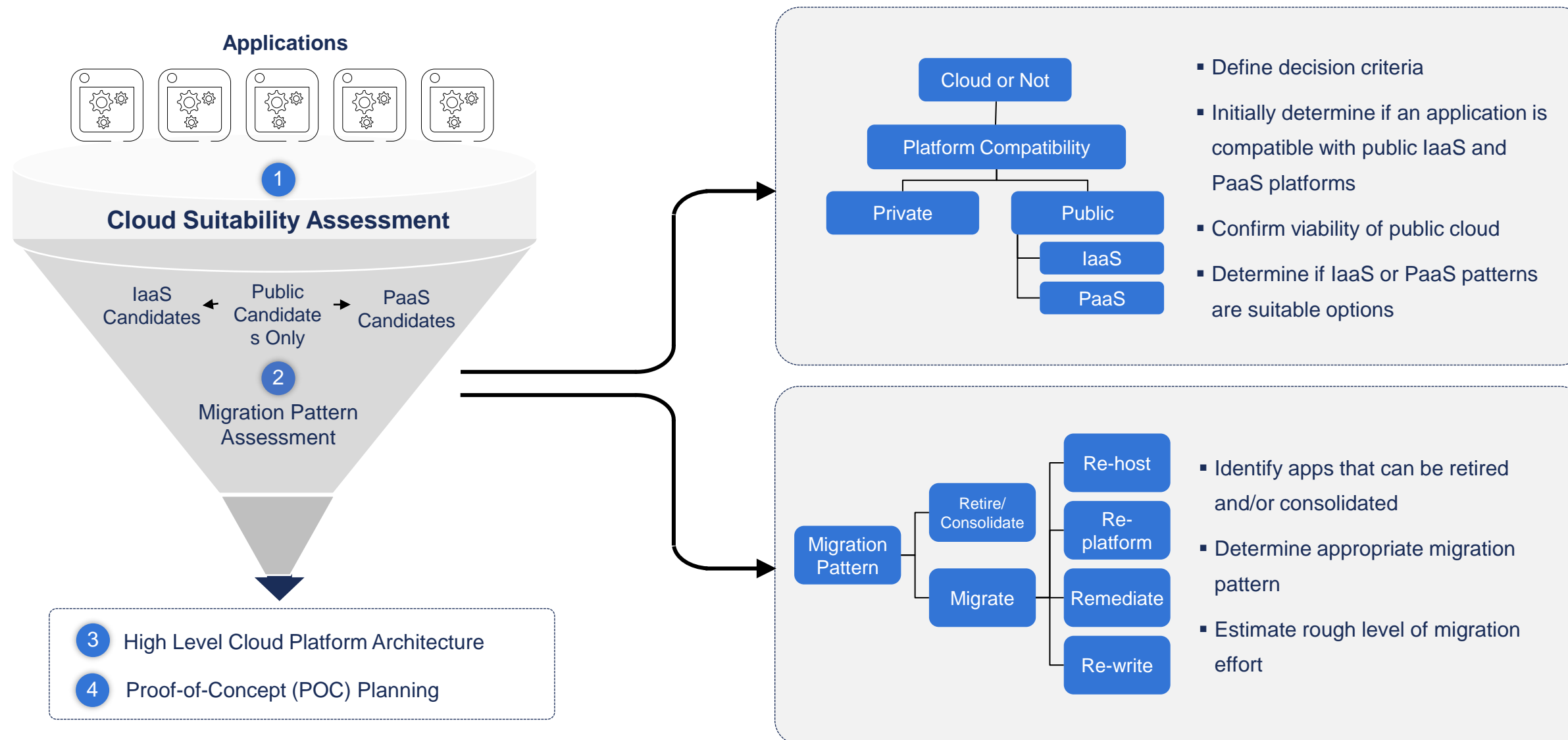
Implement Adequate Support and Governance for Cloud Assets

- SRE reference architecture and blueprint
- Case Study – Observability implementation and support for a leading commodity trading company.

Available Accelerators & Architectures

- IaC accelerator templates for most common use cases on Cloud such as multi-tier application development and data analytics platform
- IaC playbook for different application components
- Code-Gen accelerator to rapidly create base application components with a few clicks
- Security assessment questionnaire
- Cloud migration assessment questionnaire
- Reference architectures for DR and multi-cloud set up

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Wissen Cloud Assessment Approach

Cloud Assessment provides the tools and methods to undertake a detailed audit of applications to confirm cloud suitability

Applications

① Cloud Suitability Assessment

IaaS Candidates ← Public Candidates Only → PaaS Candidates

② Migration Pattern Assessment

③ High Level Cloud Platform Architecture

④ Proof-of-Concept (POC) Planning

Cloud or Not → Platform Compatibility → Private / Public → IaaS / PaaS

- Define decision criteria
- Initially determine if an application is compatible with public IaaS and PaaS platforms
- Confirm viability of public cloud
- Determine if IaaS or PaaS patterns are suitable options

Migration Pattern → Retire/Consolidate, Migrate → Re-host, Re-platform, Remediate, Re-write

- Identify apps that can be retired and/or consolidated
- Determine appropriate migration pattern
- Estimate rough level of migration effort

This proven approach identifies the public cloud suitability but also the indicative approach and effort required

Offer Summary

- Understand your current application architecture and use case.

- Showcase best-in-class practices for infrastructure provisioning powered by our accelerator.

- Suggest a proposal and roadmap for automating your infrastructure provisioning.

- Evaluate and advise on application modernization by deploying Containerized Microservices workloads to Azure Kubernetes Service & Azure App Service, Azure Container Instances (ACI) as backend services, and receiving requests via Azure App Gateway & API Gateway.

- Recommending Best Practices, Security, Compliance & Governance policies by leveraging Azure Key Vaults, Azure Defender for Cloud, etc.

Outcome

- Best-in-class assessment to jump-start the cloud migration journey with IaC.

- Leveraging IaC can help reduce cloud costs by up to 35% with on-demand provisioning of Azure resources.

Wissen Advantage

- Senior leadership with expertise in executing large-scale cloud migration and optimization initiatives

- Experience with cloud build and deployment with several fortune 500 companies

- Focus on relationship and outcome

- Domain expertise to provide focused end-to-end solutions

Our Locations

WISSEN

USA

2325 Parklawn Drive Suite G
Waukesha, Wisconsin 53186
United States

Canada

157 Adelaide St W #338,
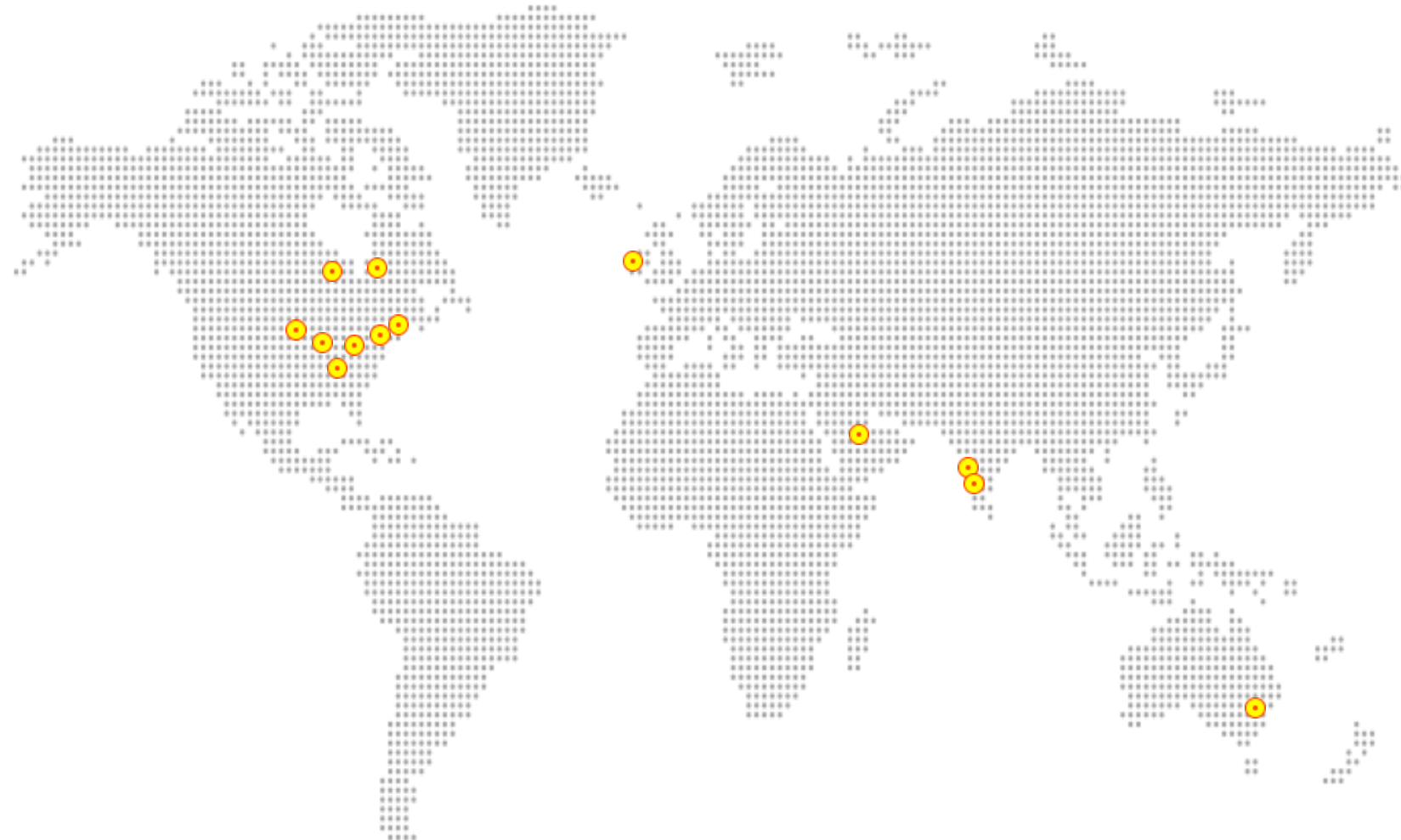Toronto, ON
M5H 1P9

Mexico

1600 Floor #4
Centre de Cuidad Santa Fe
Mexico City, D.F. 01210

Europe

10 Pappus House, Tollgate Business
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Australia

Wissen Australia Pty Ltd
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DARLING POINT NSW 2027

Philippines

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Roxas Avenue corner, Makati Avenue,
Makati City

India - Bangalore

#176, Adarsh Eco Place 4th Floor,
KIADB EPIP 2nd Phase Whitefield
Bangalore Karnataka, India

India - Mumbai

WeWork India Management Pvt Ltd,
5th Floor, Spectrum Tower, Mindspace,
Malad (W), Mumbai, Maharashtra
400064, India

India - Hyderabad

Q4, 9th Floor, Cyber Towers
Hi-tec City, Madhapur, Hyderabad
Telangana – 500081, India

India - Pune

Vatika Business Centre,
Level-5,C-Tower,Tech Park-I,
Airport Road,Yerwada,Pune-411006

USA | CANADA | MEXICO | UK | INDIA | AUSTRALIA | PHILIPPINES

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