Bruhati

G-Cloud 14

BRUHATI ENTERPRISE SERVICES
G-CLOUD 14 SERVICE DEFINITION

BRUHATI SOLUTIONS LTD

SHORT SERVICE DESCRIPTION

Bruhati's Cloud Enterprise Architecture services offer a comprehensive list of cost-effective solutions to enable Digital Transformation programmes through Cloud capabilities:

- ✓ **Cloud Strategy & Services** – ensure clients have a comprehensive Enterprise Cloud Strategy & Services

- ✓ **Architecture & Design** – define resilient and best in class Cloud Architecture & Design rapidly

- ✓ **Governance & Assurance** – ensure the correct levels of governance and assurance are in place for success by leveraging Bruhati's proven and established Architecture Design & Assurance Framework (ADAF)™

- ✓ **Agile Transformation & Adoption** – agile adoption tailored to your specific transformation journey

- ✓ **Framework & Tools** – prepare tools and deliver agile programmes at scale with Bruhati's Architecture Design & Delivery Framework (ADDF)™ **Organisational Change** – help to better understand the organisational impacts of changes and optimise and automate your existing manual processes

- ✓ **Bruhati IoT Solutions –** With our turnkey Internet of Things (IoT) solutions jump start your IoT adoption journey through cutting edge technologies including RFID, Blockchain, Artificial Intelligence (AI) and Machine Learning (ML). Our Smart Hospital, Smart Cities, Smart Farming, Remote Refrigeration Monitoring (RRM™), Remote Space Monitoring (RSM™), Remote Air Quality Monitoring (RAM™), Remote Asset Monitoring (RASM™) solutions help to reduce costs, carbon emissions, energy utilisation & work for staff, farmers & government.

KEY SERVICE FEATURES

- o **Cloud Strategy & Services**
  - Cloud Adoption Strategy and Roadmap definition
  - Cloud Migration Approach and Hybrid Clouds
  - Define business case for cloud migration
  - Identify the benefits of cloud migration
  - Vendor Selection and Procurement
  - Define a prioritised adoption and migration plan
  - Use cloud migration to maximise your business objectives
  - Identify the workloads and map them to desired outcomes
  - Establish a cloud operating model
  - Plan time and cost of cloud adoption journey
  - Validate the solution after migration
  - Azure DevOps, Virtual Machines, Azure Cosmos DB, Azure Active Directory
  - Azure Site Recovery, Azure Bots, IoT, Internet of Things
  - API Management, Azure Content Delivery Network, Azure Backup, Logic Apps
  - Customer Insights, Sales Insights, Fraud Protection, API integration
  - Power Platform, Power BI, Power Apps, Automate, Virtual Agent, AI
  - Dynamics 365 Sales, Marketing, Customer Services, Finance, Supply Chain, Commerce, HR

- Define Common Data Model and integrate with Common Data Service
- Oracle Analytics Cloud, Analytics for Applications, API Gateway, Application Migration
- Oracle Archive Storage, Audit, Big Data, Block Volume, Compute
- Oracle Database, Data Integration, File Storage, Resource Management
- Compute, EC2, Storage, Containers, Databases, EMR, Redshift, Kinesis
- AWS Glue, AWS Elasticsearch, Amazon MQ, SQS, SNS, Lambda
- Amazon ECS, EKS, Fargate, AWS API Gateway, AWS IoT
- Software AG Cloud – Alfabet, Aris, webMethods, Cumulocity IoT, TrendMiner, Terracota, Apama, Zementis, Connx, StreamSets, Adabus & Natural
- Yellowfin Business Intelligence (BI)
- Exasol in-memory analytics database,
- Xceptor no-code data automation platform
- Axway Managed File Transfer (MFT)
- Zebra MotionWorks
- Ardoq Enterprise Architecture Tool

- **Architecture & Design**
  - Cloud Architecture Roadmap
  - Architecture Maturity Assessment
  - Architecture & Design using TOGAF, Scaled Agile, GDS, and ADDF
  - Business, Data, Application and Technology Architecture Roadmaps
  - Definition of Architecture and Obsolescence Roadmaps
  - Change and Risk Management
  - Release and Dependency Management
  - Service Definition and Design
  - Management of Architecture and Design RAID and plans
  - Enterprise Architecture Maturity Assessment
  - Solutions Architecture, Solutions Blueprint and High-Level Design (HLD)

- **Governance & Assurance**
  - Implement Cloud Design & Delivery Governance
  - Cloud Analysis & Design Assurance
  - Cloud Migration & Dual Run Assurance
  - Build Assurance
  - Test Assurance
  - Release & Deployment Assurance
  - RFP Scope Assurance
  - Enterprise Architecture and Design Repository & Tools setup
  - Stakeholder Management
  - Deviation & Change Management
  - IT Governance with the frameworks like COBIT
  - Data Governance
  - AI Governance

- **Agile Transformation & Adoption**
  - Agile Transformation and Adoption tailored to your digital transformation journey
  - Establish and manage Agile Governance & Programme Management Office (PMO)
  - Agility readiness assessment
  - Development of Transformation strategy
  - Identify and train Change ambassadors
  - Build skills and competences
  - Define roles and team structures
  - Project to Product focus shift
  - Establish Agile Programme / Portfolio Office

- Incremental adoption by function/department
- Incremental adoption of corporate processes to support Agile (resourcing & procurement)
- Drive Enterprise Adoption via Agile Programme / Portfolio Office

- **Framework & Tools**
  - Define a common metamodel across Business, Delivery and Technology domains
  - Based on standard frameworks like TOGAF, SAFe, GDS, Prince
  - Use of Bruhati Architecture and Design Assurance and Delivery Frameworks
  - Pre-integrated framework using tools like ARIS, JIRA, Confluence, Sparx EA
  - Selection, Installation, configuration and management of Modelling and Delivery tools
  - Customisable centralised dashboards across organisation tools
  - Leverage on your Microsoft 365 collaboration layer
  - Enterprise Architecture and Design Repository and Tooling
  - Business, Data, Application & Infrastructure Modelling
  - Standard Modelling Notations like Archimate, UML, BPMN
  - Implement EA Tools

- **Organisational Change**
  - Cloud adoption for an organisation and Cloud Maturity Assessment
  - Process Definition, Optimisation and Automation
  - Hybrid Cloud
  - Organisational change across IT, Business, Operations, Suppliers & Service Providers
  - Target Operating Model
  - Dual Running & Co-existence
  - Robotic Process Automation(RPA) tools including Automation Anywhere, UI Path, BluePrism, MS PowerAutomate
  - Process Mining with Aris
  - Organisation Skills Assessment
  - Organisational change to Roles and Responsibilities
  - AI with Microsoft Co-pilot & Chat-GPT

- **Bruhati End-to-End IoT Solutions**
  - Bruhati Smart Hospitals IoT Solution
  - Bruhati Smart Farming IoT Solution
  - Bruhati Smart Cities IoT Solution
  - Bruhati Remote Refrigeration Monitoring (RRM™)
  - Bruhati Remote Space Monitoring (RSM™)
  - Bruhati Remote Air-Quality Monitoring (RAM™)
  - Bruhati Remote Asset Monitoring (RASM™)

KEY SERVICE BENEFITS

- Deliver best in class Cloud solutions to transform ways Government operate
- Improved control and development of the IT estate
- Improved IT efficiency
- Save big with little investment
- Industry Best Practice with insights & lessons learnt
- Independent and Proactive approach to Architecture and Design
- End to end Architecture and Design Delivery Assurance
- Reduced IT Cost and Spend
- Public Sector Domain experience
- Risks Mitigation

Our Cloud Enterprise Architecture Service aims to deliver value and benefits by defining a tailored service offering ensuring alignment with your organisation's Vision & Strategy, realisation of market potential, minimising change and risk with measurable outcomes, and addresses Total Cost of Ownership (TCO) and positive Return on Investment (ROI).
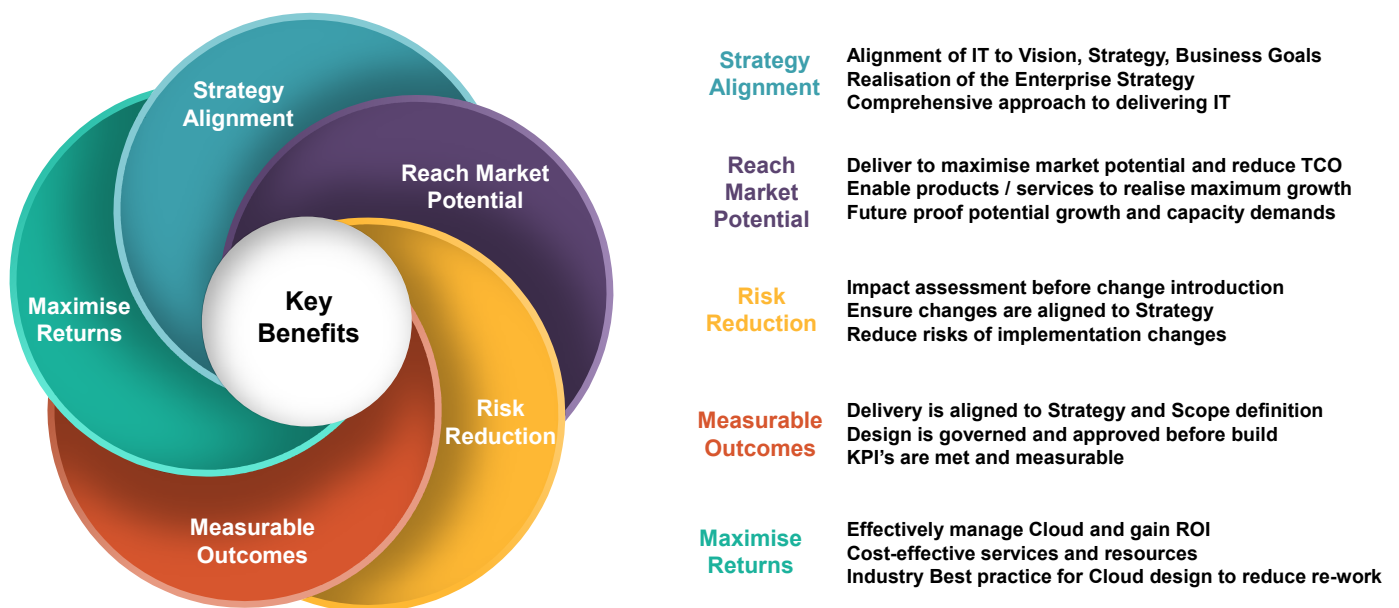

Strategy Alignment
Alignment of IT to Vision, Strategy, Business Goals
Realisation of the Enterprise Strategy
Comprehensive approach to delivering IT

Reach Market Potential
Deliver to maximise market potential and reduce TCO
Enable products / services to realise maximum growth
Future proof potential growth and capacity demands

Risk Reduction
Impact assessment before change introduction
Ensure changes are aligned to Strategy
Reduce risks of implementation changes

Measurable Outcomes
Delivery is aligned to Strategy and Scope definition
Design is governed and approved before build
KPI's are met and measurable

Maximise Returns
Effectively manage Cloud and gain ROI
Cost-effective services and resources
Industry Best practice for Cloud design to reduce re-work

Figure 1 Key Benefits

SERVICE DEFINITION

Our **Cloud Strategy & Services** ensure clients have a comprehensive Strategy and adoption roadmap to help execute business capabilities. The use of cloud will promote business agility, accelerate time to market, reduce costs & risks and help to expand in new markets. Initiatives range from enhancing existing IT services to the cloud or the creation of a new fully cloud-based offering. The Cloud Strategy will look to ensure cloud-based investments deliver desired capabilities. Our Cloud Managed services can take care of all your Cloud services, so you do not have to. We offer Infrastructure Management services, Software as a Service (SaaS) management & support services, Data analytics, Artificial Intelligence (AI), Blockchain and Internet of Things (IoT) solutions based on the Cloud. We have experience across public, hybrid and private clouds, having successfully implemented IaaS, PaaS and SaaS solutions across many clients and industries in the public and private sector.

Our **Architecture and Design** Service helps you to develop cloud-based and digital transformation architecture. The service provides Design Assurance from inception to realisation of your Cloud transformation programmes. We have the implementation experience required to provide end-to-end aligned application, information and business capability architectures and roadmaps. We will guide you through the technical challenges and investigate all cyber and information security concerns that need addressing.

Our **Governance & Assurance** service offering is based on our proven Architecture Design & Assurance Framework (ADAF)™ that is a 360^0 service, which can complement your organisation's existing frameworks and provides assurance on all aspects of your programme delivery.

Our **Agile Transformation & Adoption** service enables you to have a smooth transition towards being an Agile organisation. We understand that Agile adoption does not happen overnight, and we are here to guide and support you through the journey towards agility.

Our **Framework & Tools** service uses standard frameworks & tools to deliver cloud solutions. Over time, we have developed and established our own Architecture & Design Delivery Framework (ADDF)™, to help enable Cloud capabilities at scale with a quick time to market.

Our **Organisational Change** service will look at the organisational impacts across IT and Business areas including Operations and Suppliers & Service Providers. We believe that Cloud adoption involves all areas of the organisation. Our Cloud Maturity Assessment is based on industry best practice and provides the foundation for your Cloud adoption strategy across IT and Business. We can help analyse and re-engineer your business processes to simplify the way you operate your business. We offer you a way to improve process efficiency and replace error prone manual processes with automated processes based on solution using AI and Robotic Process Automation (RPA).

Our **IoT solutions** cover a wide range of industries, including Healthcare, Farming, Logistics, Finance, Public Sector, Government, Local Councils, Education, Defence, Police, Utilities, Energy, Automobile, Manufacturing and Oil & Gas. Bruhati End-to-End IoT Solutions are

powered by Cumulocity, Azure IoT, AWS IoT & Zebra MotionWorks™ and include several technologies for device connectivity including LoRaWAN, 4G/LTE, 5G, Narrow Band IoT (NB-IoT) & Bluetooth and provide Blockchain, Artificial Intelligence (AI), Machine Learning (ML) and Analytical capabilities.

Our services are intended to help clients develop successful Cloud solutions regardless of the stage the programme is at.

CHOOSE BRUHATI

Bruhati is a consultancy that specialises in Enterprise & Solution Architecture and bespoke digital solutions. We bring a wealth of expertise to implement effective architecture and solutions for our private and public sector customers across EMEA.

We have a portfolio of case studies that showcase our expertise and experience in delivering Enterprise Architecture and Digital Solutions services for several organisations and industries. Here are some of the highlights:

- British Army: We provided EA tool implementation assurance, strategic business process and EA repositories, end to end tooling integration.
- NHS: We provided digital strategy, EA function implementation, EA tooling introduction, and EA and SA managed service for core national programmes, such as COVID-19.
- NHS: We delivered an IoT remote management solution to monitor and control infrastructure, air quality, space occupancy, and personnel location as part of the Future of Wireless Private 5G trial.
- Major UK Mobile operator: We led the Architecture and Design for Digital Transformation programmes for all the Smart Metering project in the UK. We also designed their most complex Cloud solutions.
- Major FS&I: We implemented EA operating model, EA tooling introduction, EA and SA managed service for core strategic programmes across the group.
- Major UK Pension Fund: We introduced EA tooling, EA operating model redesign and implementation, EA office managed service.
- Oil and Gas Supplier: We implemented Robotic Process Automation (RPA) solution to fully automate the creation of quality certificates.
- Global Financial Organisation: We provided management consultancy for IFRS 15 & 16 & Fixed Asset accounting projects.

We have led the Architecture & Design on the UK Government led programme for the Smart Metering implementation. We have delivered services across industries such as UK Government and Public Sector with the NHS and the British Army, Healthcare, Financial Services and Insurance, Telecoms, Transportation, and Energy & Utilities.

OUR TEAM

We are proud of our incredibly talented, experienced, and diverse team who are the absolute best at what they do.

- ✓ **Architecture –** Experienced certified consultants that provide Application, Data, Security, Integration, Infrastructure Architecture and End-to-End Solution Design.

- ✓ **Transformation –** Experienced Business & Process Analysts that provide strategic business analysis and modelling.

- ✓ **Agile –** Experienced Project Management Office and Scrum Masters to establish and optimise programme governance and controls in line with Agile and SAFe principles.

- ✓ **Development –** Experienced IoT, Artificial Intelligence, Machine Learning, Blockchain, Web/Mobile Apps, Integration and RPA Developers.

VALUES

We deliver quality innovative Cloud and digital services through our shared company values of:

- ✓ **Trust –** We form long lasting relationships with our clients through trust and respect

- ✓ **Integrity –** We uphold the highest levels of integrity for all our actions

- ✓ **Commitment –** We are fully committed to ensuring we deliver quality work on time, every time

We pride ourselves on:

Experience: A proven track record in helping clients move to cost-effective Cloud based solutions that provides ROI along with a quick time-to-market.

Diversity: This is important amongst our teams as we understand everyone is their own person and they offer different ideas.

Quality: We put our clients first by listening to their needs to understand what the best Cloud solution for their organisation is.

Innovation: Highly focussed teams who embrace new technologies, frameworks, and tools. We are lifelong learners!

Cost: We are extremely competitive with our rates and our service offering is tailored to meet your budget requirements. We can quickly identify costs and complexity drivers for moving existing services to the Cloud.

Support: Every project is supported by our Architecture Centre of Excellence that provides support to all our clients and consultants. Providing the necessary knowledge transfer for self-sufficiency.

Agility: Our teams can engage quickly, react fast, and are up and running to support your organisation's needs.

Secure: Bruhati is [Cyber Essentials](#) & IASME Governance certified and takes information & security management very seriously.

Location: We are ready to work in any location with our Near-Shore service delivery model to reduce cost and maximise efficiency.

Resourcing: Our agile teams work on programmes of all sizes, and we can scale up and down our resource on-demand.

BRUHATI ENTERPRISE SERVICES

Our comprehensive Enterprise Services offering delivers excellent outcomes and supports you across all aspects of your cloud journey through planning strategy, execution of cloud architecture, monitoring and tracking cloud resources, and fine-tuning the deployment. Our service offering helps our clients to select those capabilities needed to complement and enhance their existing Enterprise capabilities.
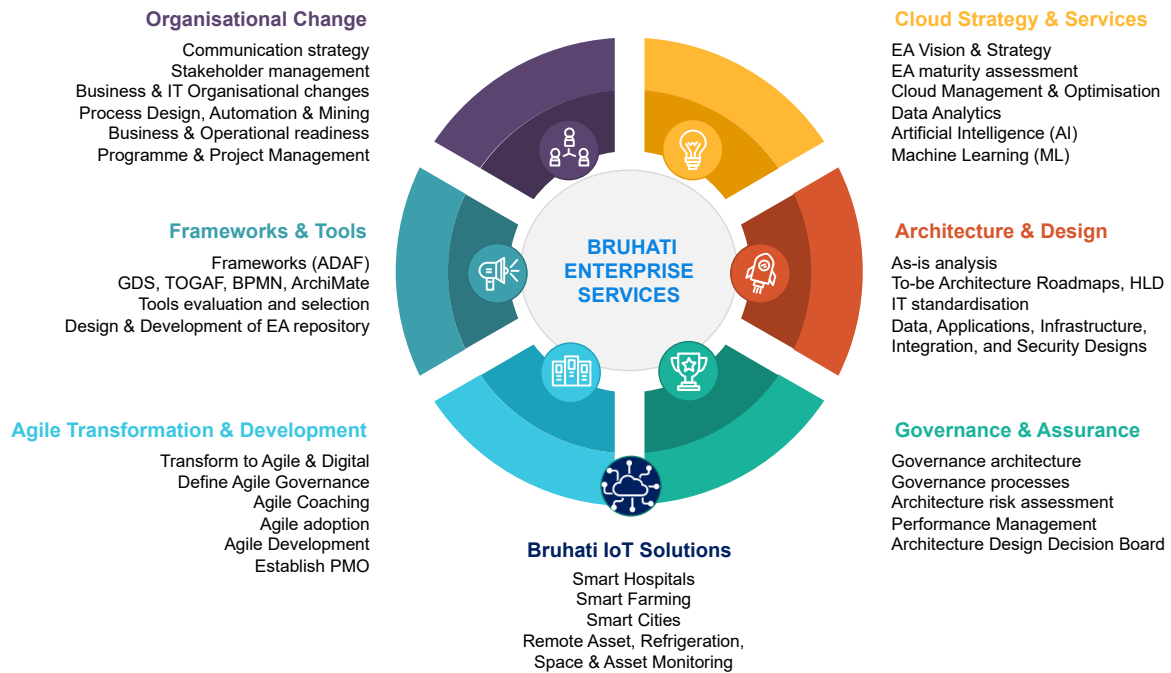

Organisational Change
Communication strategy
Stakeholder management
Business & IT Organisational changes
Process Design, Automation & Mining
Business & Operational readiness
Programme & Project Management

Frameworks & Tools
Frameworks (ADAF)
GDS, TOGAF, BPMN, ArchiMate
Tools evaluation and selection
Design & Development of EA repository

Agile Transformation & Development
Transform to Agile & Digital
Define Agile Governance
Agile Coaching
Agile adoption
Agile Development
Establish PMO

Cloud Strategy & Services
EA Vision & Strategy
EA maturity assessment
Cloud Management & Optimisation
Data Analytics
Artificial Intelligence (AI)
Machine Learning (ML)

Architecture & Design
As-is analysis
To-be Architecture Roadmaps, HLD
IT standardisation
Data, Applications, Infrastructure, Integration, and Security Designs

Governance & Assurance
Governance architecture
Governance processes
Architecture risk assessment
Performance Management
Architecture Design Decision Board

BRUHATI ENTERPRISE SERVICES

Bruhati IoT Solutions
Smart Hospitals
Smart Farming
Smart Cities
Remote Asset, Refrigeration, Space & Asset Monitoring

FIGURE 2 BRUHATI ENTERPRISE SERVICES

Cloud Strategy & Services

We can help you with the development of a business value focused Cloud Adoption Strategy that well integrates your existing IT architecture with Public, Hybrid (Community), and Private clouds.
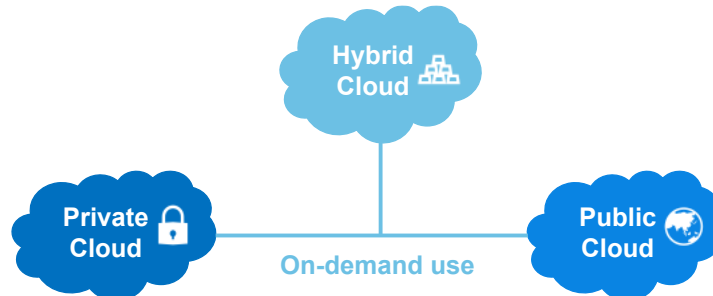

FIGURE 3 CLOUD STRATEGY

Our Cloud Strategy service provides a systematic methodology for transition to cloud with focus on cost optimisation, and provides guidance for architecture, governance, application development, business continuity and operational aspects. We are experts in Optimising the Cost of Cloud adoption and follow a proven framework to manage cloud spending on an ongoing basis.

Plan	Requirements	Architecture	Select Pricing	Predict Usage	Proof of Concept	Plan Investment
Monitor	Use of Platform Tools & Patterns	TAG resources	Cost Allocation	Define KPIs	Define Alerts	Allocate costs to divisions usage
Minimise	Free unused resources	Enable Service Scheduling	Resize Services	Minimise Plan Costs	Review # of Instances	Adopt Agile and DevOps
Fine Tune	Adopt Preemptible VM	Define Storage Policies	Setup Autoscaling	Control volume-based services	Serverless Adoption	Adopt Platform as a Service

FIGURE 4 CLOUD COST OPTIMISATION

Bruhati can help you to:

- ✓ Define business case for cloud migration to maximise your business objectives
- ✓ Identify benefit to your organisation of cloud migration
- ✓ Identify workloads and map them to desired outcomes
- ✓ Manage your cloud services

- ✓ Establish a cloud operating model

- ✓ Plan time and cost of cloud adoption

- ✓ Define a prioritised migration plan

- ✓ Validate the solution after migration

Our Cloud Managed services can take care of all your Cloud services, so you do not have to. We are far more competitive than going directly to the major Cloud providers. We can manage all your accounts and provide a consolidated bill for your Cloud estate. We know that one-size-fits-all solutions do not exist, for this reason we support a wide range of Cloud

providers. Transform your organisation with the use of Cloud and Data centric solutions that take advantage of Artificial Intelligence and Internet of Things (IoT).

Cloud Infrastructure Services

Our experienced and Certified Solutions Architects can help you to Architect, Deploy, Setup and Integrate Cloud Infrastructure services within your organisation.
We support all the major Cloud providers for Infrastructure and Platform as a Service (IaaS and PaaS):

- **Amazon Web Services (AWS)** provides Infrastructure and Platform as a Service, with a broad set of global cloud-based products including compute, storage, databases, analytics, networking, mobile, developer tools, management tools, IoT, security, and enterprise applications.
- **Microsoft Azure** provides compute, storage and associated public cloud services. Azure can enable you to innovate and experiment, rapidly deploying new applications and scaling on demand. Azure easily integrates with the powerful set of business applications offered via the Microsoft Dynamics 365 set of products.
- **Google Cloud Platform (GCP)** includes a range of hosted services for networking, big data, machine learning, internet of things (IoT), cloud management, security and developer tools all running on Google hardware.
- **Oracle Cloud Infrastructure** cloud services enable you to build and run highly available and performing applications and services and securely store your data in a flexible overlay virtual network connected with your on-premises network.

Cloud Software Services

We are experts in supporting you through your Software as a Service (SaaS) adoption journey. Our experienced and Certified Solutions Architects can help you to Architect, Deploy, Setup and Integrate Cloud Software services within your organisation.

We support major providers of SaaS:

- **MS Dynamics 365 and Power Platform** offer a comprehensive set of applications that meet the needs of your Sales, Marketing, Service, Finance, Operations, Commerce and HR teams. We provide expert consultancy services on Microsoft Dynamics 365 Business Applications and Power Platform and help your organisation take advantage of next generation Enterprise Cloud software offering. We can help you leverage on the AI driven analytical power applications and Microsoft Common Data Service to make the most of your data.
- **Microsoft 365** is the productivity cloud that brings together best-in-class Office apps with powerful cloud services, device management, and advanced security. We can help you to embed the powerful Microsoft productivity apps with your organisational structure and processes to enable the new way of working with greater collaboration.

- **Salesforce - Sales, Marketing and Service Clouds** offers next generation Enterprise applications to help you manage and improve the relationships you have with your customers, prospects, and partners. We can offer consultancy services to your organisation and help you to make the most out of the Salesforce Cloud applications and Platforms.
- **Oracle Cloud Applications** span across Marketing, Sales, Supply Chain, Service, ERP, and HR. We provide expert advice to help you leverage on all the great features Oracle Cloud apps can offer.
- **Software AG Cloud** offers a comprehensive set of Cloud applications that includes Alfabet for IT Portfolio Management, Aris for Process Design and Mining, Cumulocity offers an IoT device management platform, webMethods for integration, API Management and business process management.
- **Axway Managed File Transfer (MFT)** provides a secure, reliable, and easy-to-manage solution for transferring data between people, partners, businesses, and applications. Manage and control how your organisation sends and receives data so you can ensure it stays protected and meets compliance regulations such as HIPAA, PCI, DSS, and GDPR. Empower business users to move data faster to meet the demand for real-time applications across finance, healthcare, manufacturing, and other industries.

Data Analytics

Our Big Data service provides bespoke solutions for your organisation. Our experienced team work on a Big Data framework that comprises of cutting-edge platforms and tools to make the most of driving insights from your data. We have experience of managing data lakes and migrating Big Data onto Cloud platforms.
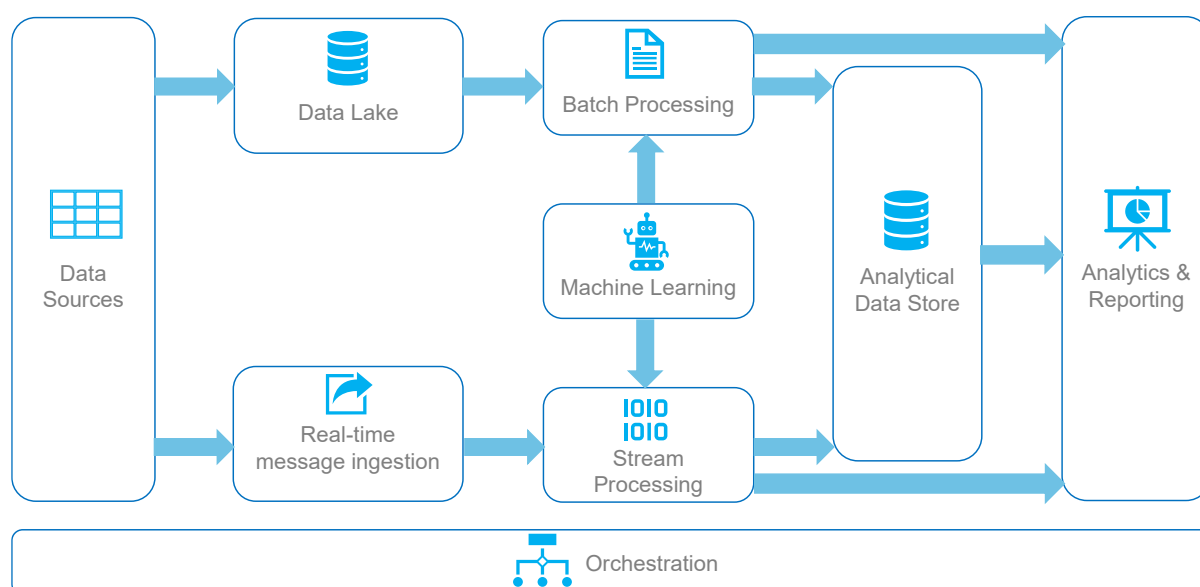
FIGURE 5 BIG DATA OFFERING

We provide consultancy & support services major providers of Business Analytics & Intelligence SaaS offerings including:

- **Software AG Cloud** offers a comprehensive set of Cloud applications that includes Apama for streaming analytics, TrendMiner for time-series data analytics, Zementis for predictive analytics, webMethods for integration, API Management and business process management, CONNX for secure, real-time read/write SQL data access and integration, and Terracotta to access and store huge volumes of data in-memory, improving system performance many times over and StreamSets for continuous data integration for DevOps.
- **Exasol in-memory Analytics Database** supports any BI tool on the market. You can run secure analytics as a Service, in the cloud, on-premises, or in a hybrid environment. We can help you to design, setup, deploy, and integrate Exasol analytics database within your organisation.
- **Yellowfin Business Intelligence platform** simplifies the entire analytics workflow, from connecting to and preparing your data, to building dashboards and preparing management reports. We can help you to design, set up, deploy, and integrate Yellowfin BI platform within your organisation.
- **Xceptor No-Code Data Automation platform** empowers institutions to automate an unparalleled scope of processes across the enterprise using just one single, extraordinary platform.

Artificial Intelligence & Machine Learning

We provide AI Strategy and Consultancy services to empower your transformation programme. We start with understanding the Scope and Plan for AI and how AI fits into your organisation. We help to Design & Deploy bespoke Cloud based AI solutions such as Intelligent Chatbots, Insights and Machine Learning (ML) and can provide AI support and maintenance.
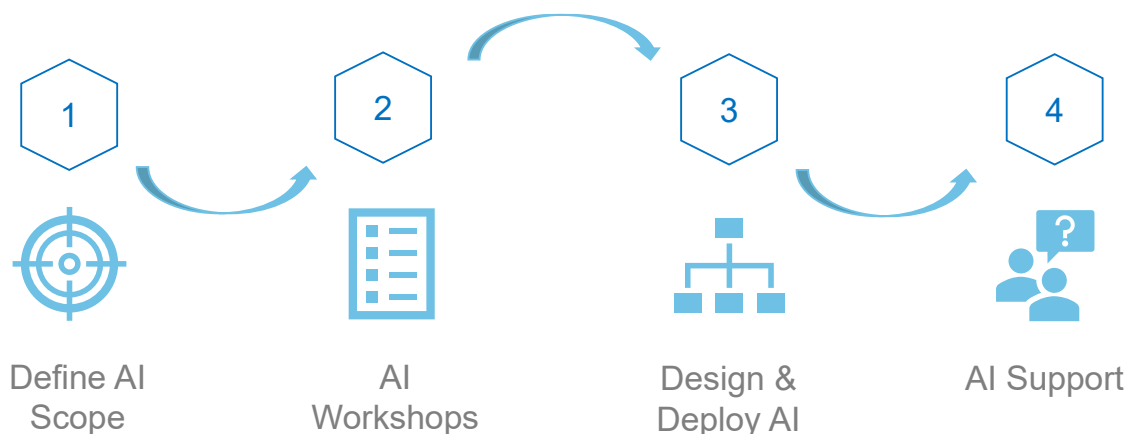
FIGURE 6 AI & ML STRATEGY & CONSULTANCY

Our AI services now include setup & deployment of Microsoft CoPilot and / or Chat GPT into your on-premises /cloud environments such as the Microsoft 365 / Azure /AWS /etc.

Architecture & Design

Our Solutions Architecture and Design Service helps you to develop cloud-based, digital transformation architectures and provides end to end design & delivery assurance from inception to realisation of your Cloud transformation programmes. We can help you establish a customer centric, business value adding and sustainable Cloud Enterprise Architecture practice. We provide AWS, Azure, Google Cloud, TOGAF 9.2 certified architects, to assess your organisation skills maturity, establish the Cloud Architecture Practice, principles, patterns, and processes, and provide training/coaching that is bespoke to your needs.

Our service offering includes:

- Analysis of As-is architecture
- Definition of To-be architecture
- Definition of Architecture and Obsolescence Roadmaps (to address Technical Debt)
- Change & Risk Management
- Release Dependency Management
- Definition of Data, Applications, Infrastructure, Integration, and Security Designs
- Service Definition and Design
- Definition of Target Operating Model
- Management of Architecture and Design RAID and plans
- Architecture training/coaching for self- sufficiency
- Managed Architecture Service
- High Level Design (HLD) and design artefacts (e.g. Context Diagrams, Technical Flows)

FIGURE 7 CLOUD ARCHITECTURE MANAGED SERVICE

Governance & Assurance

Our comprehensive Governance & Assurance service offering is based on our proven Architecture Design & Assurance Framework (ADAF)™ that is a 360^0 service, which can complement your organisation's existing frameworks and provides assurance on all aspects of your programme delivery.
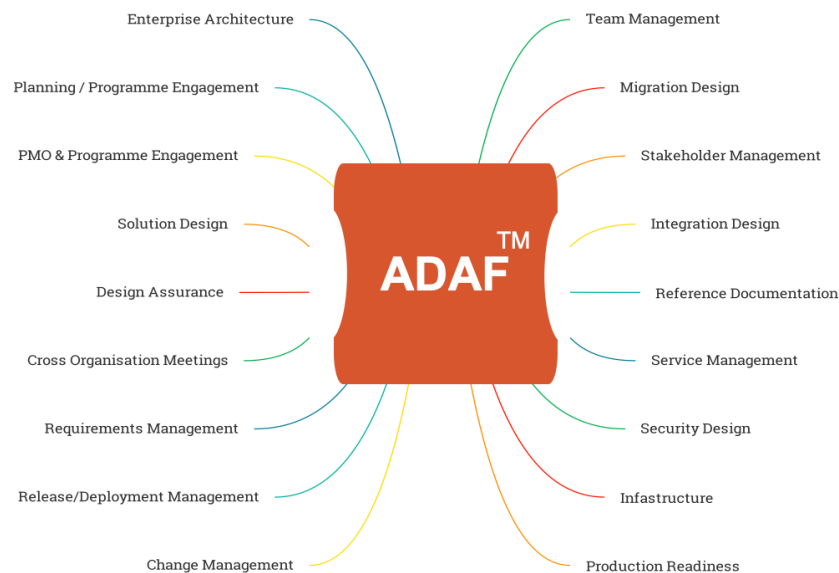
Enterprise Architecture
Planning / Programme Engagement
PMO & Programme Engagement
Solution Design
Design Assurance
Cross Organisation Meetings
Requirements Management
Release/Deployment Management
Change Management

ADAF ™

Team Management
Migration Design
Stakeholder Management
Integration Design
Reference Documentation
Service Management
Security Design
Infastructure
Production Readiness

FIGURE 8 ARCHITECTURE DESIGN & ASSURANCE FRAMEWORK

Our Design and Delivery Assurance offering includes:

- Technical Discovery
- Analysis & Design Assurance
- Migration & Dual Run Assurance
- Build Assurance
- Test Assurance
- Release & Deployment Assurance
- Design & Delivery Governance
- Design Lineage

Bruhati Design & Delivery Assurance

Project Inputs

Bruhati Technical Discovery

Assurance Weekly Reports

Release Dependency Maps

Change Request Assessments

Bruhati Outputs

▼ 1) Technical Discovery
- 1.1) RFP Scope Assurance
- 1.2) Existing Landscape Analysis
- 1.3) Deliverables & Frameworks

▼ 2) Design & Delivery Assurance
- ▶ 2.1) Analysis & Design Assurance
- ▶ 2.2) Migration & Dual Run Assurance
- ▶ 2.3) Build Assurance
- ▶ 2.4) Test Assurance
- ▶ 2.5) Release & Deployment Assurance
- ▶ 2.6) Design & Delivery Governance

FIGURE 9 DESIGN AND DELIVERY ASSURANCE

We provide governance services holistically across all aspects of your Enterprise.
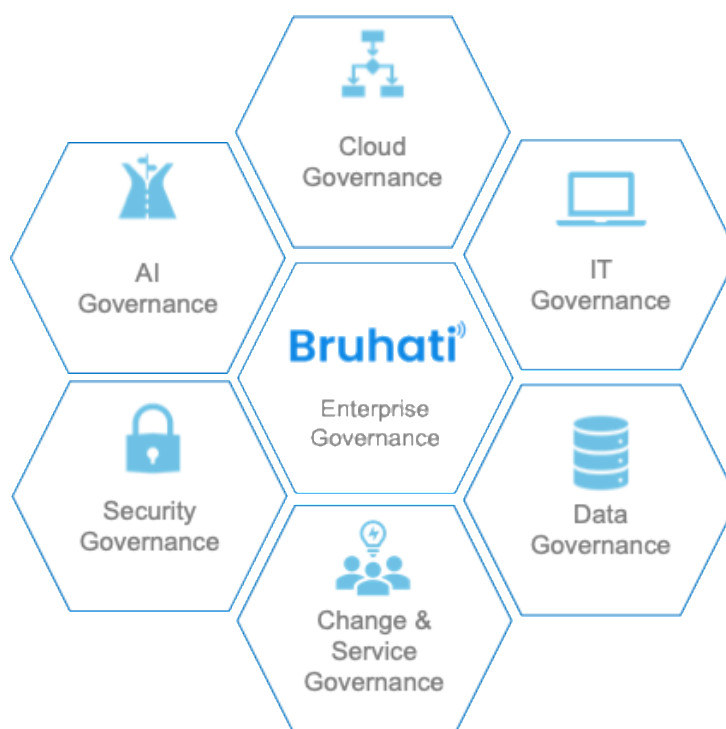
FIGURE 10 BRUHATI GOVERNANCE SERVICES

IT Governance

IT governance is the process of ensuring that IT investments align with business objectives and deliver value to stakeholders. IT governance also involves managing IT risks, optimizing IT performance, and complying with relevant standards and regulations.

We offer IT governance consulting services based on the COBIT framework, which is a globally recognised best practice for IT management and governance. COBIT provides a comprehensive and consistent set of principles, processes, and enablers that can help organizations achieve their IT goals and address their IT challenges.

We can help you assess your current IT governance maturity, design, and implement a customized IT governance roadmap, and monitor and improve your IT governance outcomes.

With Our IT governance services, you can benefit from:

- Improved alignment of IT and business strategies and objectives.
- Enhanced value creation from IT investments and assets.
- Reduced IT costs and waste.
- Increased IT efficiency and effectiveness.
- Mitigated IT risks and increased IT resilience.
- Strengthened IT compliance and accountability.
- Increased stakeholder satisfaction and trust.

Data Governance

Data governance is the process of ensuring the quality, availability, integrity, security, and usability of data within an organization. Data governance helps organizations to comply with regulations, policies, and standards, as well as to leverage data for strategic decision making and business value creation.

Bruhati offers data governance services that help clients to:
- Define and implement a data governance framework that aligns with their business goals and objectives.
- Establish roles and responsibilities for data owners, stewards, custodians, and consumers.
- Develop and enforce data policies, rules, definitions, and standards across the data lifecycle.
- Implement data quality management and monitoring tools and processes.
- Enable data lineage, traceability, and metadata management.
- Create and maintain data catalogues and data dictionaries.
- Facilitate data sharing, integration, and collaboration across the organisation.
- Enhance data security and privacy by implementing data protection and compliance measures.
- Measure and report on data governance performance and outcomes.

Our data governance services are based on best practices and industry standards, such as DAMA-DMBOK, ISO 8000, and COBIT. Our data governance experts have extensive experience in delivering data governance solutions for various domains and industries, such as banking, insurance, healthcare, retail, and manufacturing.

Our data governance services can help clients to achieve the following benefits:
- Strengthened IT compliance and accountability.
- Increased stakeholder satisfaction and trust.
- Data Governance.

Cloud Governance

Our Cloud Governance service assists you in defining and implementing a governance framework for your cloud initiatives.

We help you align your cloud strategy with your business objectives, policies, and standards.

We also help you establish the roles, responsibilities, processes, and controls for managing and monitoring your cloud environment.

We help you ensure compliance, security, performance, and cost optimization of your cloud resources.

We also help you adopt best practices and tools for cloud governance, such as Cloud Adoption Framework (CAF), Cloud Policy, Cloud Blueprints, Cloud Security Centre, and Cloud Cost Management.

AI Governance

Our AI Governance service helps you ensure that your AI initiatives are ethical, responsible, and trustworthy.

We help you define and implement the AI governance framework, policies, and standards that align with your business values and objectives.

We also help you assess and mitigate the risks and challenges of AI, such as bias, privacy, security, transparency, and accountability.

We also help you monitor and measure the performance, impact, and value of your AI solutions.
We leverage our expertise and experience in AI, data science, ethics, law, and compliance to help you achieve AI excellence and sustainability.

EA Maturity Assessment & TOM Definition

EA Maturity Assessment: Our EA Maturity Assessment service helps you evaluate the current state of your EA practice and identify the gaps and opportunities for improvement. We use a comprehensive framework that covers the EA domains, processes, governance, tools, skills, and culture. We benchmark your EA maturity against industry best practices and standards, such as TOGAF and COBIT. We also provide you with a roadmap and recommendations to achieve your desired EA maturity level and enable business value realisation.

EA Target Operating Model Definition: Our EA Target Operating Model (TOM) Definition service helps you design and implement an optimal EA operating model that aligns with your business strategy and objectives. We help you define the vision, mission, scope, principles, roles, and responsibilities of your EA function. We also help you establish the EA governance structure, processes, and policies to ensure effective decision-making, collaboration, and alignment across the organization. We also help you select and configure the EA tools and frameworks that best suit your needs and preferences.

Enterprise Architecture Services

Our Enterprise Architecture service helps organizations develop and implement effective EA strategies to achieve their goals, whether that may be entering new markets, improving operational efficiency, rationalization or reducing costs and emissions. Our Architecture

services can help to manage your IT portfolios, reduce IT operating costs, increase work efficiency, and help govern digital transformations.

We offer a number of services for Enterprise Architecture, including but not limited to:

EA Function Implementation: We implement an EA practice operating model following a TOGAF-aligned methodology. This includes EA maturity assessment, EA services definition, EA function, EA processes, EA tools, and EA training. We use our proven Bruhati Smart EA Delivery™ Roadmap to implement the EA Function

EA training: We provide practical training courses on topics such as Enterprise Architecture, Solutions Architecture, Solutions Design, Cloud Technologies, and IT Security.

Business Architecture implementation: We define an effective Business Architecture framework aligned to the industry standards that encompasses: Business domains definition, Value chain models, Business process models.

EA Team augmentation: We provide an EA and Solutions Architecture managed service to augment your team and support your architecture practice and projects.
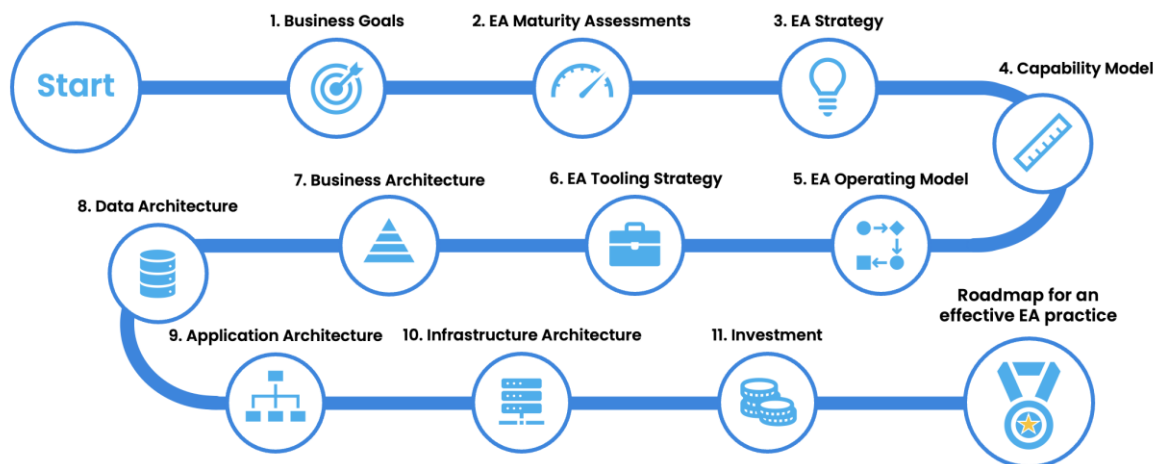
FIGURE 11 BRUHATI SMART EA DELIVERY™ ROADMAP

Agile Transformation & Development

Our Agile Transformation & Adoption service enables you to have a smooth transition towards a truly Agile organisation. Implementing agile via a one-size-fits-all approach without tailoring it to the specific needs of your organisation and product teams, risks failure and can be counter-productive. Adopting Agile should not mean losing sight of your investments and portfolio status.

Adopt

We understand that Agile adoption does not happen overnight within an organisation. Our Agile Delivery team will help your organisation through the Agile adoption process by performing the following tasks:

- Agile Readiness Assessment
- Agile Adoption strategy
- Appoint Change Ambassadors in your organisation
- Introduction of skills set, roles and team structures needed to adopt agile
- Shift organisation from Projects to Products
- Agile and Traditional delivery co-existence strategy
- IT partners service definition updates towards agile
- DevOps Introduction
- Select programmes in your organisation that are suitable for agile
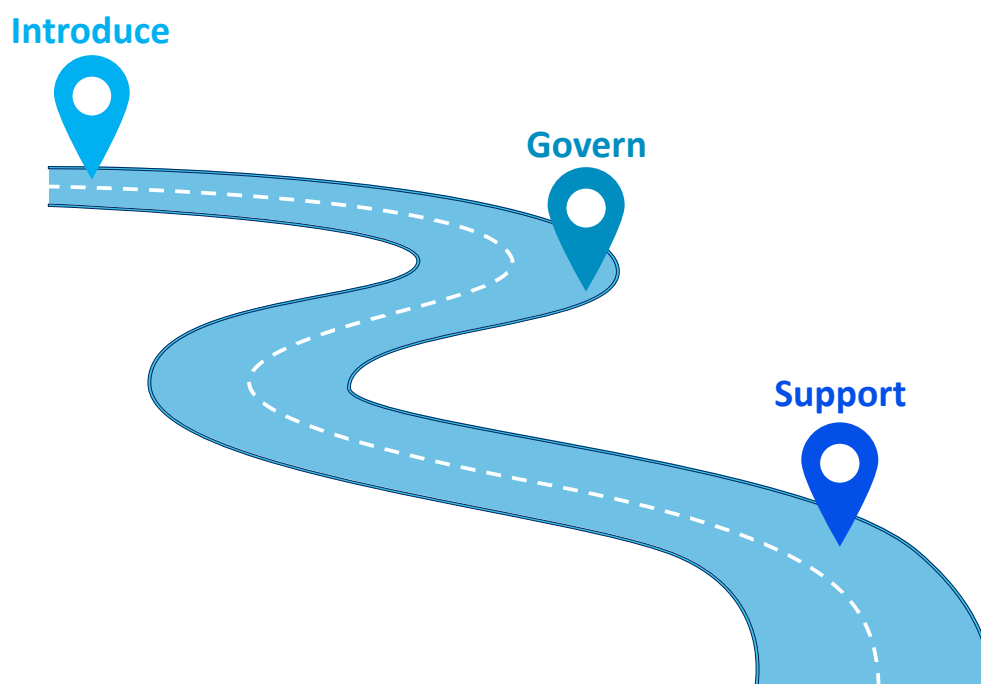
FIGURE 12 AGILE ADOPTION

Assure

Agile assurance is fundamental to the success of your programme. Our Agile Delivery team have agile assurance skills and can set up a centralised Transformation Programme Management Office (TPMO).

The TPMO can carry out the following:

- Implement a Central repository of programme data
- Create IT Release and Business Change Dashboards
- Track and control impact of dependencies
- Enforce quality & discipline in adhering to TPMO standards
- Manage programme changes, product customisation level and assess impact from external change initiatives
- Control process, governance and KPIs to track, report and manage customisation levels of vendor products
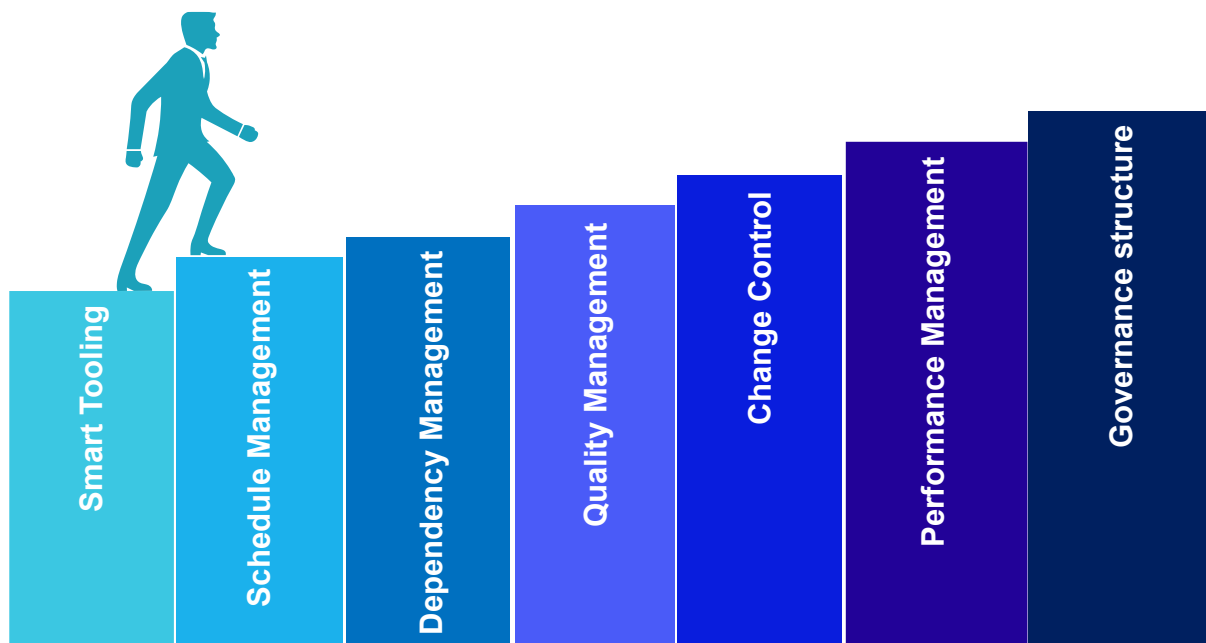
FIGURE 13 — AGILE ASSURANCE

Deliver

We provide an independent Design & Delivery Assurance service for your Agile programme delivery.

This will include:

- Ensuring Architecture Patterns and Principles definition exists
- Setup of an Architecture & Design RAID
- Setup of an Architecture Design Decision Review Board and Technical Design Assurance Board
- End-to-End traceability between User Journeys, Client Experience themes, Processes, Epics, Features, User Stories, Applications, Interfaces, and Architecture Design
- Security by Design exists with Security Patterns & Principles and adherence to Corporate Security policies
- Development of solutions for IoT, Artificial Intelligence, Machine Learning, Blockchain, Web/Mobile Apps, Integration and RPA
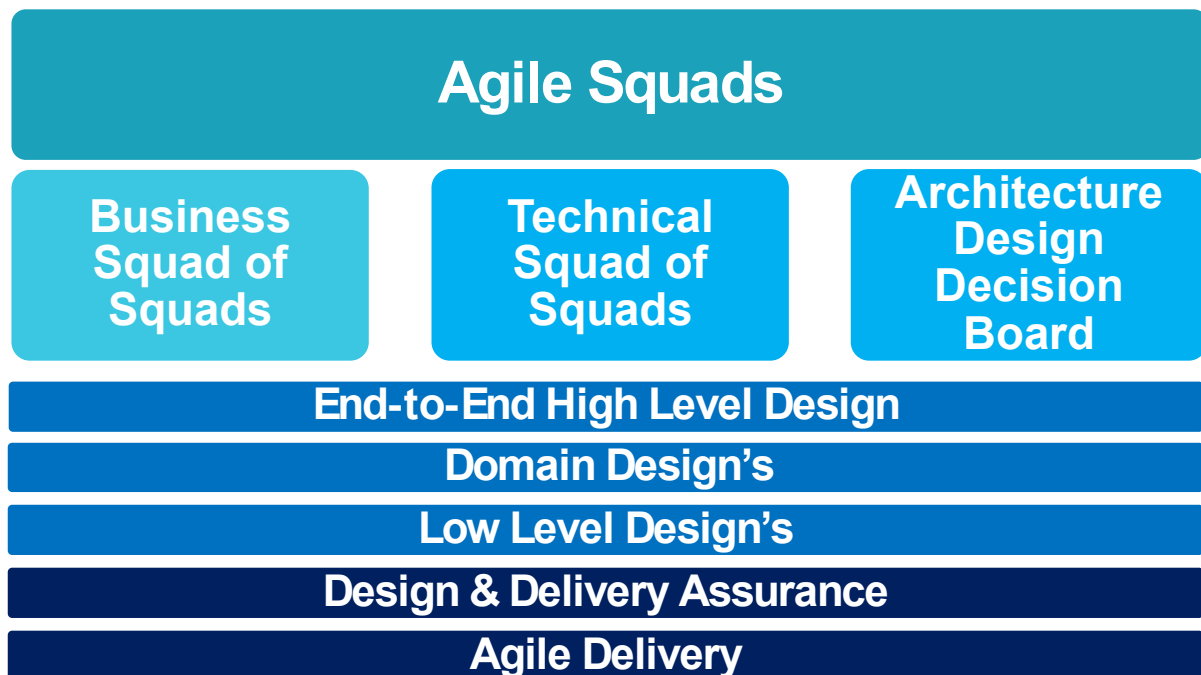
FIGURE 14 – AGILE DESIGN & DELIVERY

Frameworks & Tools

Bruhati use standard frameworks & tools to deliver cloud solutions. Over time, we have developed and established our own Architecture & Design Delivery Framework (ADDF)™, to help enable Cloud capabilities at scale with a quick time to market. ADDF™ can be used in conjunction with any other standard frameworks and tools adopted by the client. ADDF™ provides easily customisable centralised views (dashboards) across the tools that are used in the Process, Solution and Delivery Layers.

Bruhati can offer tools from any of the Layers as a Manage Service (SaaS offering) if required by clients. This can also include tool setup, preparation, configuration, and support.
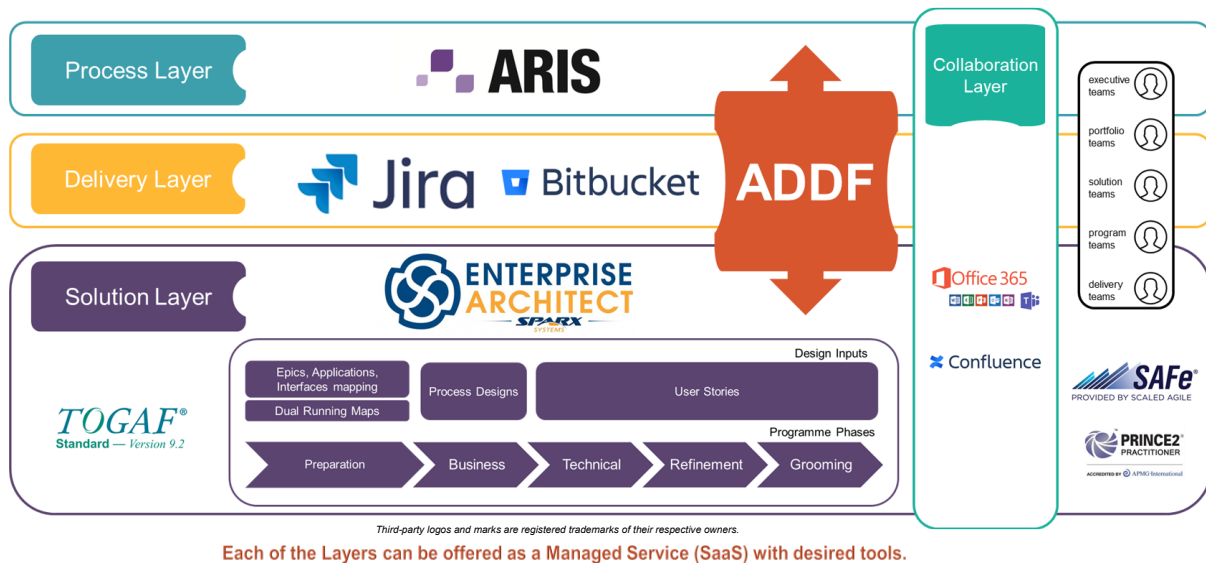
FIGURE 15 ARCHITECTURE DESIGN & DELIVERY FRAMEWORK
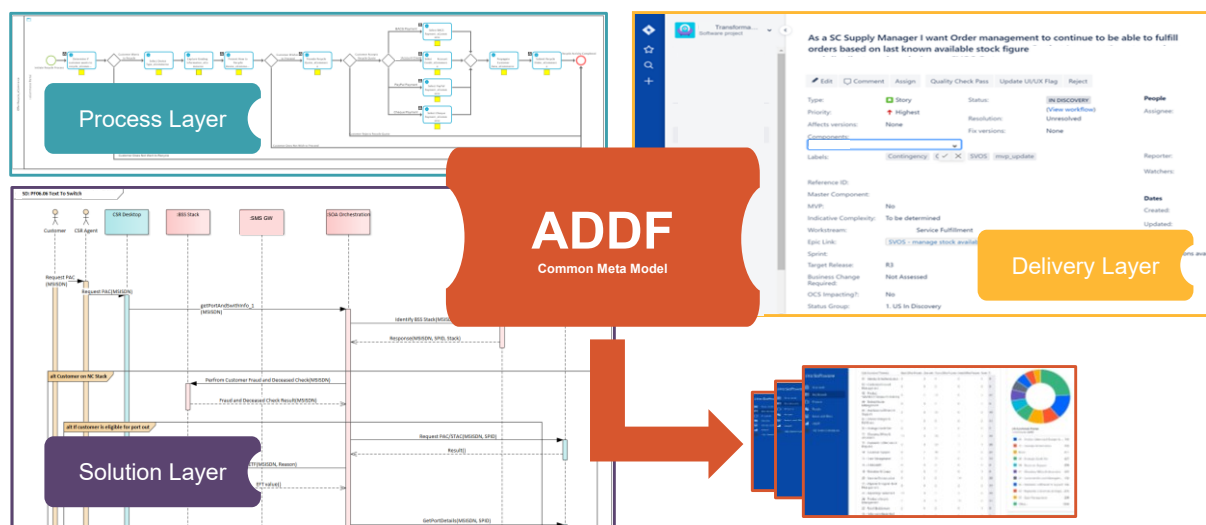
FIGURE 16 CENTRALISED DASHBOARD

Our Framework & Tools Support Services include:

- **Software AG Alfabet:** for IT planning & portfolio management and enterprise architecture management. Highly rated by the analysts, Alfabet helps organisations make the right investment decisions in IT by understanding their current IT investments and collaboratively planning the future.
- **Software AG Aris:** offers a truly collaborative process improvement environment. Make your processes transparent, controlled, manageable and agile. Business and IT get the tools they need to collaborate for true end-to-end business and IT improvement, guided by governance. ARIS also enables enterprises to confidently meet internal and external legal requirements and standards while efficiently managing risks
- **Flexera Technopedia:** offers the most trusted and comprehensive source of hardware, software, SaaS and cloud product information in the world. Technopedia gives you the most complete IT asset intelligence available, with the ability to identify more than 4.5+ million hardware and software products. This helps you manage IT strategically with enriched market reference data.
- **Bizzdesign Horizzon:** helps you make smarter decisions and optimize outcomes by unifying all your strategy, capabilities, operating models and change portfolios in a single platform – Bizzdesign Horizzon
- **Sparx Enterprise Architect:** a multi-user, graphical tool designed to help your teams build robust and maintainable systems. And using high quality, built-in reporting and documentation, you can deliver a truly shared vision easily and accurately.
- **Ardoq:** an enterprise architecture tool that helps organizations to document, analyse, and visualize their business processes, systems, and data. It enables users to create interactive diagrams and dashboards to gain insights into their operations and make data-driven decisions. Ardoq is designed to be flexible and adaptable, allowing users to model their architecture in a way that best suits their needs.

![Bruhati logo]

Organisational Change

We provide a holistic approach to Cloud Enterprise Architecture. Bruhati Enterprise Architects are well trained to look at the organisational impacts across IT, Business areas including Operations, and Suppliers & Service Providers as we believe that Cloud adoption involves all areas of the organisation.

FIGURE 17 CLOUD ADOPTION FOR ORGANISATIONS

Our Cloud Maturity Assessment is based on industry best practice and provides the foundation for your Cloud adoption strategy. This involves assessment of Business functions (Business, People, Governance) and Technology functions (Platform, Security, Operations) that identifies areas needing change.
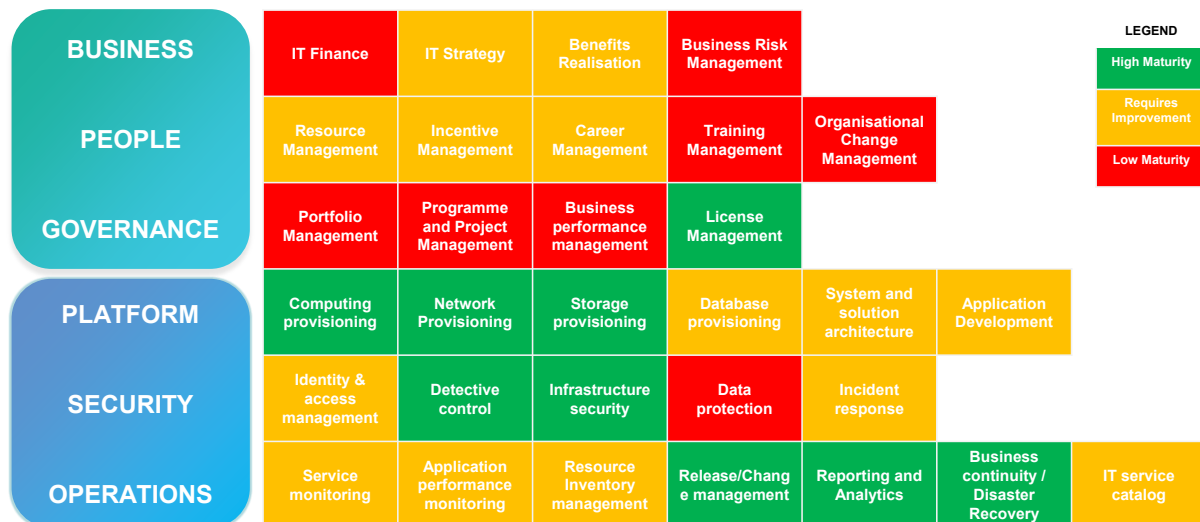
FIGURE 18 CLOUD MATURITY HEATMAP

Process Analysis & Optimisation

We are experts in documenting your business and helping you gain control of your processes and organisation roles and responsibilities. We can analyse your business processes, perform health checks, articulate the cost efficiency of your processes, and identify expensive and inefficient processes. We can help to re-engineer your business processes to simplify the way you operate your business to deliver clear business benefits and operational efficiencies.
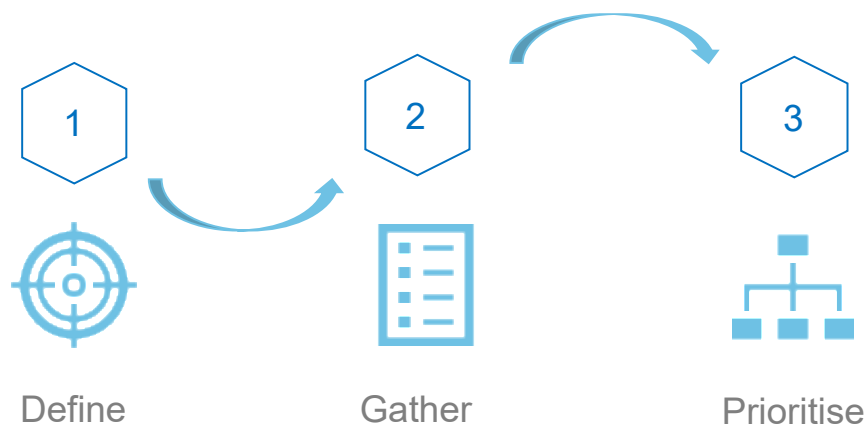

FIGURE 19 PROCESS ANALYSIS & OPTIMISATION

Robotic Process Automation & Process Mining

We offer services to improve process efficiency and replace error prone manual processes with leading automated solutions based on Artificial Intelligence (AI) and Robotic Process Automation (RPA) / Intelligent Process Automation (IPA) & Process Mining technologies using best of the breed SaaS solutions from Automation Anywhere (AA), Blue Prism, UI Path & Microsoft Power Automate.
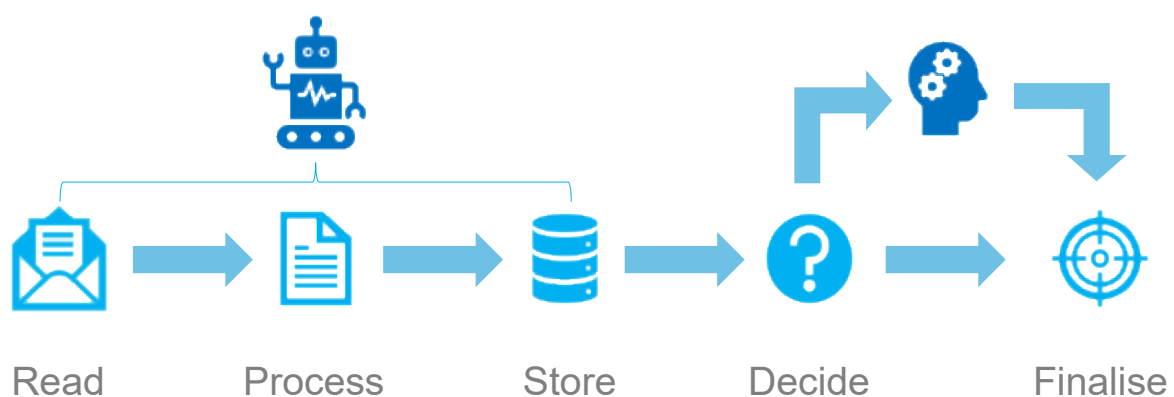

FIGURE 20 PROCESS AUTOMATION

Bruhati IoT Solutions

We can help you enable your organisation to the use of connected devices and edge computing. You can choose to leverage on your existing IT infrastructure of adopt industry lead cloud based IoT solutions. You can trust we will deliver your business needs as our expertise is based on managing the architecture and design of a UK wide critical infrastructure.
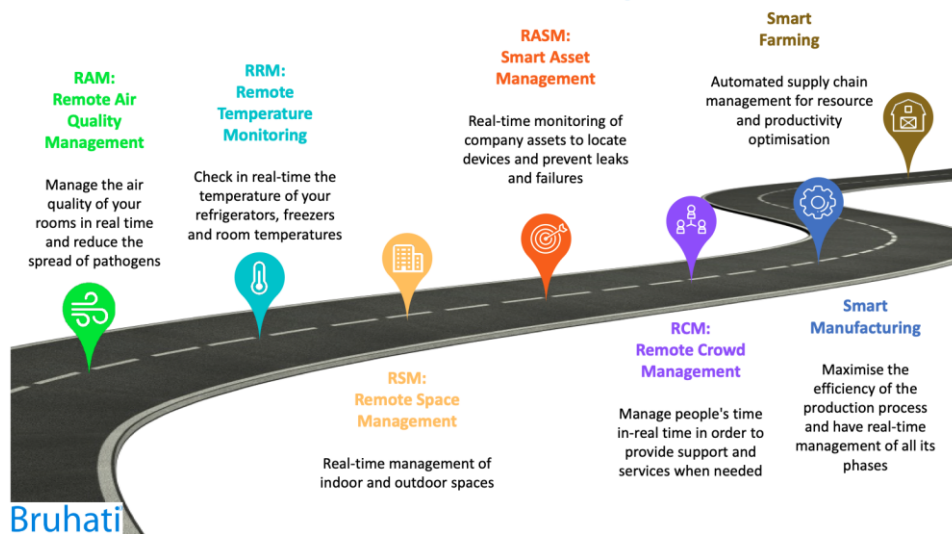

FIGURE 21 BRUHATI IOT SOLUTIONS

Bruhati IoT Solutions are powered by Cumulocity, Azure IoT, AWS IoT & Zebra MotionWorks™ and include several technologies for device connectivity including LoRaWAN, 4G/LTE, 5G, Narrow Band IoT (NB-IoT) & Bluetooth and provide Blockchain, Artificial Intelligence (AI), Machine Learning (ML) and Analytical capabilities.

Bruhati Smart Hospital IoT

Bruhati Smart Hospital IoT solution helps to modernise hospital infrastructure and patient care by integrating digital and physical assets through IoT, RFID, Blockchain, AI & Machine Learning (ML). This helps to reduce costs, carbon emissions, energy utilisation & work for clinical staff.

Our Remote Asset Monitoring solution for healthcare, powered by Zebra MotionWorks™, helps tracking clinical assets throughout a hospital and is used by clinical engineering for asset maintenance, end of lease notification, and to locate all assets. We help you design, setup, deploy, and integrate the Zebra MotionWorks™ platform within your organisation.
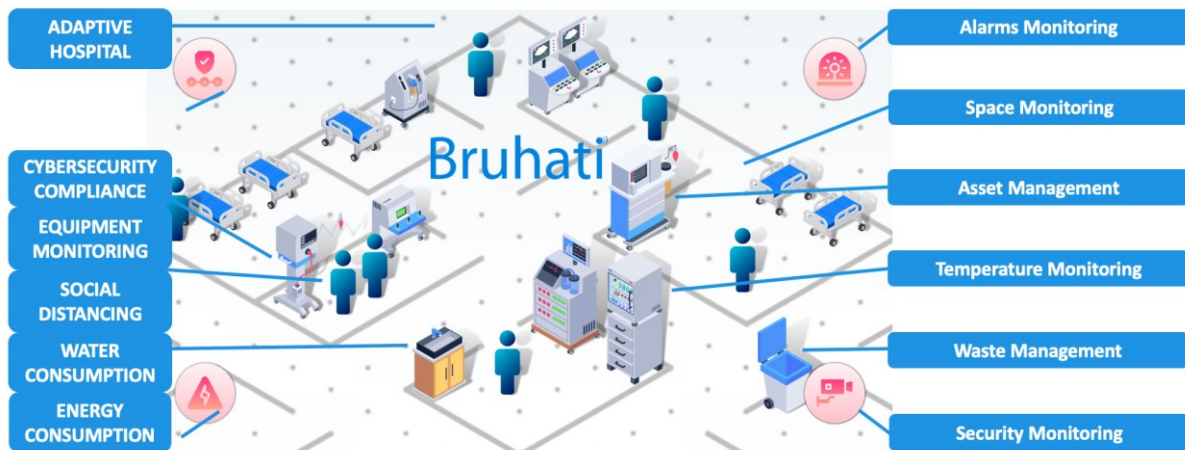
FIGURE 22 BRUHATI SMART HOSPITAL IOT

Our Smart Hospital service offering includes:
- Hospital Infrastructure Asset Management
- Remote Temperature Monitoring
- Physical & Cyber Security Monitoring
- Remote Equipment Monitoring
- Remote Waste Monitoring
- Remote Space Monitoring
- Real-time Water & Energy Consumption Monitoring
- Real-time Clinical Asset Utilisation
- Real-time Hygiene Monitoring
- Real-time Staff and Patient Monitoring
- Reamote Asset Tracking & Monitoring

Bruhati Smart Farming IoT

Bruhati Smart Farming IoT solution helps to modernise farms through a network of smart sensors/smart devices, a set of EDGE device solutions, connectivity solutions (Private 5G, LoRaWAN, NB-IoT), platform-based services (Azure IoT, AWS IoT, Cumulocity), system integration, consulting, implementation (Blockchain, AI & ML, Insights) and agile rollouts.

Our Smart Farming service offering includes:
- Farming Asset Management & Utilisation
- Livestock Monitoring
- Remote Crop & Soil Monitoring
- Carbon Emissions Monitoring
- Remote Climate Control and Temperature Monitoring
- Remote Space Monitoring
- Water & Energy Consumption with real-time Monitoring
- Remote Air Quality Monitoring
- Predictive analytics for crops and livestock
- Pest Management

Bruhati Smart Cities IoT

Bruhati Smart Cities IoT solution helps to modernise cities by integrating digital and physical assets. This helps to reduce costs, carbon emissions, energy utilisation & provide business efficiencies.

Our Smart Cities service offering includes:
- Infrastructure Asset Management & Utilisation
- Remote Temperature Monitoring
- Sustainable Environmental Monitoring
- Remote Equipment Monitoring
- LPWAN & Private 5G Enabled Infrastructure
- Remote Space Monitoring and People Movement
- Water & Energy Consumption with Real-time Monitoring
- Remote Air Quality Monitoring
- Traffic Monitoring
- Smart Parking Monitoring
- Wastage Monitoring
- Sewage & Wastewater Monitoring
- Planning for housing development for affordable homes

Bruhati Remote Refrigeration Monitoring (RRM™)

Bruhati Remote Refrigeration IoT solution helps to modernise refrigeration monitoring, adhere to regulatory compliance with secure control & auditability, save costs on product wastage and reduce operating costs & spend on fridges with predictive maintenance.

Our Remote Refrigeration Monitoring (RRM™) offering includes:
- Remote Refrigeration Monitoring and Control
- Remote Equipment Monitoring and Predictive Maintenance
- Energy Consumption Monitoring
- Infrastructure Asset Management
- Waste Management and reduction in product spoilage
- Quality Monitoring
- Auditable smart events and alerts
- AI & ML, data analytics, dashboards, insights
- IoT cloud and edge platforms (Azure IoT, AWS IoT, Cumulocity)
- Enabled Infrastructure (LoRaWAN, Private 5G, NB-IoT) for IoT smart devices

Bruhati Remote Space Monitoring (RSM™)

Bruhati Remote Space Monitoring IoT solution helps to modernise space management, track office spaces & people movement, adhere to regulatory compliance with secure control & auditability and reduce operating costs and spend through accurate occupancy forecasting
Our Remote Space Monitoring (RSM™) offering includes:
- Infrastructure Asset Management

- Remote Space Monitoring and Control
- Tracking of environments
- Energy Consumption Monitoring
- Carbon Emissions Monitoring
- Tracking of people movement either with or without identification
- Auditable smart events and alerts
- AI & ML, data analytics, dashboards, insights
- IoT cloud and edge platforms (Azure IoT, AWS IoT, Cumulocity)
- Enabled Infrastructure (LoRaWAN, Private 5G, NB-IoT) for IoT smart devices

Bruhati Remote Air Quality Monitoring (RAM™)

Bruhati Remote Air Quality Monitoring IoT solution helps to modernise air quality monitoring, adhere to regulatory compliance with secure control & auditability and reduce operating costs, reduce carbon emissions and improve efficiency through automation.

Our Remote Air Quality Monitoring (RAM™) offering includes:
- Remote Air Quality Monitoring and Control
- Remote Equipment Monitoring and Predictive Maintenance
- Energy Consumption Monitoring
- Infrastructure Asset Management
- Carbon Emissions Monitoring
- HVAC Monitoring & Control
- Auditable smart events and alerts
- AI & ML, data analytics, dashboards, insights
- IoT cloud and edge platforms (Azure IoT, AWS IoT, Cumulocity)
- Enabled Infrastructure (LoRaWAN, Private 5G, NB-IoT) for IoT smart devices

Bruhati Remote Asset Monitoring (RASM™)

Bruhati Remote Asset Monitoring IoT solution helps with asset monitoring & tracking with secure control & auditability and reduce operating costs, reduce carbon emissions and improve operational efficiency through automation.

Our Remote Asset Monitoring (RASM™) offering includes:
- Remote Asset Monitoring and Control
- Remote Equipment Monitoring and Predictive Maintenance
- Energy Consumption Monitoring
- Infrastructure Asset Management
- Carbon Emissions Monitoring
- Auditable smart events and alerts
- AI & ML, data analytics, dashboards, insights
- IoT cloud and edge platforms (Azure IoT, AWS IoT, Cumulocity, Zebra MotionWorks)
- Enabled Infrastructure (LoRaWAN, Private 5G, NB-IoT) for IoT smart devices

NEXT STEPS

Please feel free to get in touch so we can see if we can help your organisation in anyway. We are happy to offer a free one-hour initial assessment / consultancy for any of our services as we believe in the value we can bring to your organisation.

Please email us at **sales@bruhati.com** or call us at 01628 272658 to discuss your needs further.