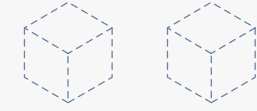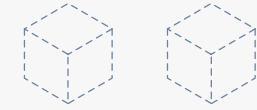# AzAnchor

Azure Landing Zone – Uniform, Robust and Scalable
Foundation for your Cloud Workloads

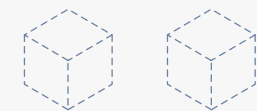Gold
Microsoft Partner

■■ Microsoft
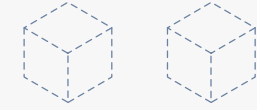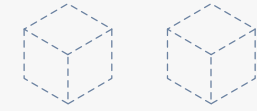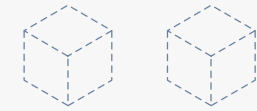
[1] People

[2] Process

[3] Technology

Azure Landing Zone – Why should you care?

Why think of an Azure Landing Zone?

| Uniform and compliant IT Infrastructure | Improved Performance | Enhanced Uptime | Improved Security & Governance | Immense Scalability and Global footprint | Transparency and Traceability | Analytics and Insights | Cost Optimisation |

Do any of these sound familiar?

| Lack of control and ownership | Performance issues | Downtime and outages | Security vulnerabilities | Configuration drifts | No visibility | Data and resource proliferation | Infrastructure Sprawl and Cost blowouts |

Focusing on efficient use of cloud services brings immediate and tangible financial benefits. Unfortunately, most organisations are either not well-prepared or just step into the cloud journey with a partial view of what to expect. This often leads to unrealized potential in terms of agility, scalability, security, governance and cost savings opportunity.

"Failing to properly architect and implement the underlying cloud "landing zone" environments into which workloads are migrated can increase the costs of security and compliance."

- Gartner, July 2021

Cloud Adoption Challenges

Challenges	Dimensions

1. Sheer magnitude of change required when adopting cloud and it's multi-dimensional nature that impacts almost every *dimension* in an organization.
 	
2. Mammoth guidance available to consume – something we call curse in a boon.
 	
3. Overwhelming options making it almost impossible navigate through without expert guidance.
 	
4. Organization's IT estate maturity and availability of cloud skills.
 	
5. Lack of in-house capacity.
	1. **People:**
	   • Business
	   • Technology
	
	2. **Process** (Operations and Governance) and Cloud operating model
	
	3. **Technology** (Platform and Solutions)
	   • IAM
	   • Security and Compliance
	   • Network Topology and Connectivity
	   • Name Resolution
	   • Monitoring
	   • Logging and Auditing:
	       - Operational Logs and Security Logs (SIEM)
	   • Backup and archival
	   • High-availability
	   • Business Continuity & Disaster Recovery
	   • Automation

At Eighty20, we bring-in our cloud expertise and decades of consulting experience to guide you through the journey.

EIGHTY20 SOLUTIONS

Eighty20 AzAnchor Solution

Cloud Adoption Framework

Organisational Change Management and Adoption

Architecture Governance and assessments

Organize Resources

Governance: Well-defined Azure management groups, subscriptions, roles and duties, naming & tagging

Security & Compliance

Zero Trust (assume breaches), IAM, Policy as code, PCI-DSS, ISO 27001

Scalable & Modular

Enterprise-scale and modular, uniform design. Azure Blueprints. Allows on-demand scalability

Monitor & Respond

Proactively monitor, alert, and respond to peak demands and security incidents

Manage Cost

Analyse cloud spend and monitor budget. Alerts and notification

Automation

Automation underpinning every aspect of deployment: Eighty20 AzAnchor library (Terraform / Bicep / ARM) + Uniform Deployment + CI/CD Pipelines
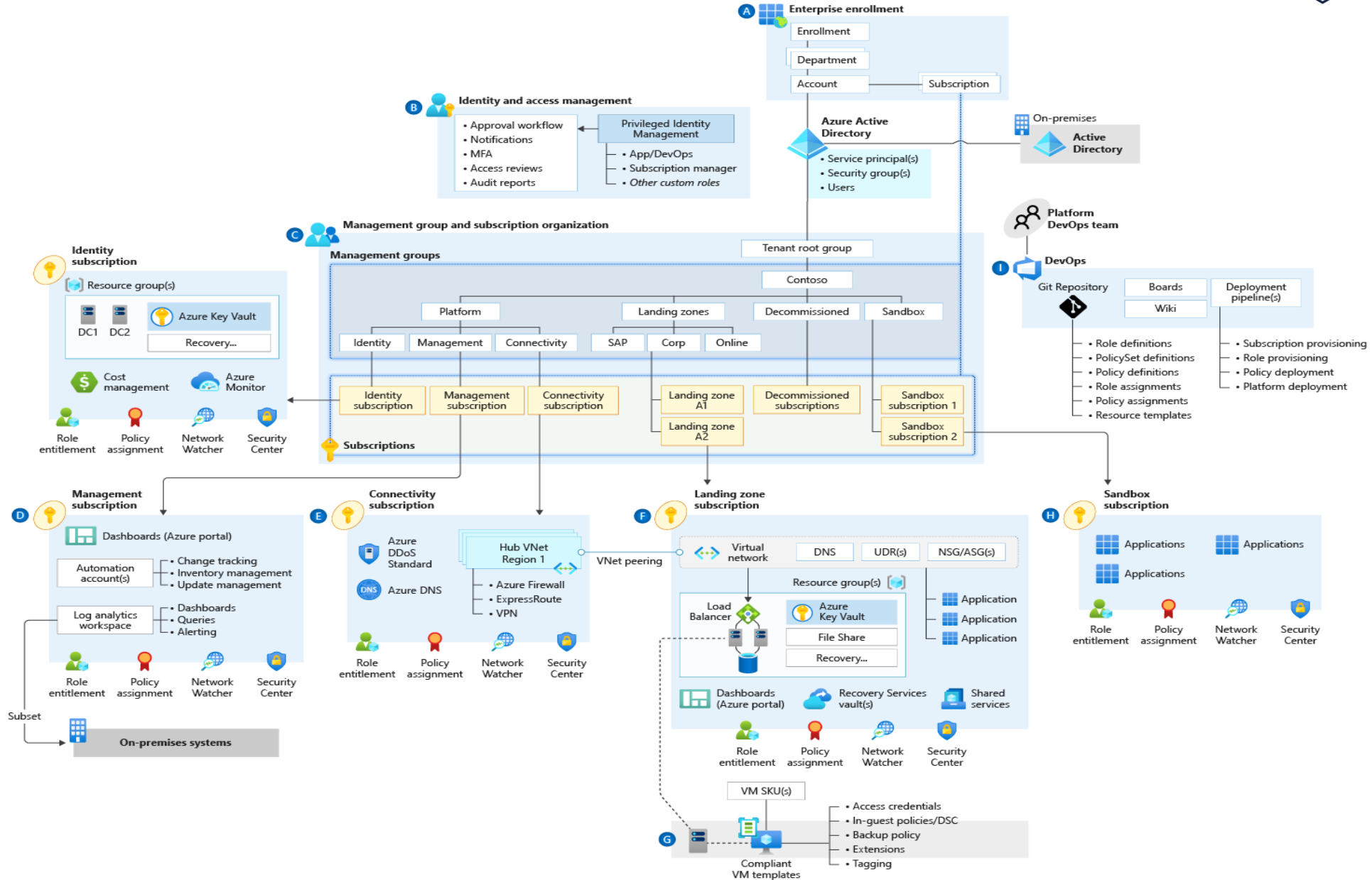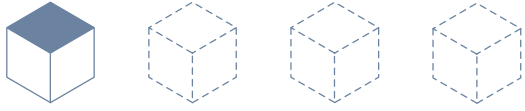
Solution Alignment
Microsoft Cloud Adoption Framework
Azure Well-Architected Framework and Azure Architecture Center
Eighty20's Rich Industry Experience

Eighty20 AzAnchor Offerings

	Green Field (Cloud Native)	Brown Field (Hybrid Lightweight)	Enterprise-scale (Hybrid Rich)
What's In	Basic implementation of landing zone, allowing customers to gain experience and develop cloud skills before going big bang.	Nicely poised between greenfield and enterprise-scale. Helping customers who have adopted cloud already, however, want to bring strong governance, security, and operational improvements.	A rich implementation of landing zone with fully integrated governance, security, and operations right from the start. A completely tailored approach to set you up for long-term self-sufficiency.
Suitable for Clients	1. With no Azure presence 2. Want to start afresh 3. Needs simple deployment (up to two subscriptions)	1. With some Azure presence 2. Looking for improvements (Security, governance, cost optimization) to existing Azure platform 3. Expansion of the existing Azure Platform	1. With no Azure presence 2. Want to start afresh 3. Multi-region deployment 4. Multiple Azure subscription (highly scalable and modular) 5. Azure Virtual WAN / Hub-spoke 6. Connectivity with on-prem 7. Windows AD DS extension to Azure
Includes	Requirement Assessment Planning Designing Deployment	Requirement Assessment Planning Designing Deployment	Requirement Assessment Planning Designing Deployment
Duration	2 Weeks	4 to 6 weeks	10 to 12 weeks

Our offerings are unique and carefully crafted to suit a vast majority of our customer scenarios. We act as your trusted advisor and guide you on the journey to cloud adoption / enhancement, to ensure it's as smooth as possible. Our goal is to set our customers up for the future, in a sustainable manner – so you are migrating and establishing new workloads, and not revisiting technical debt.
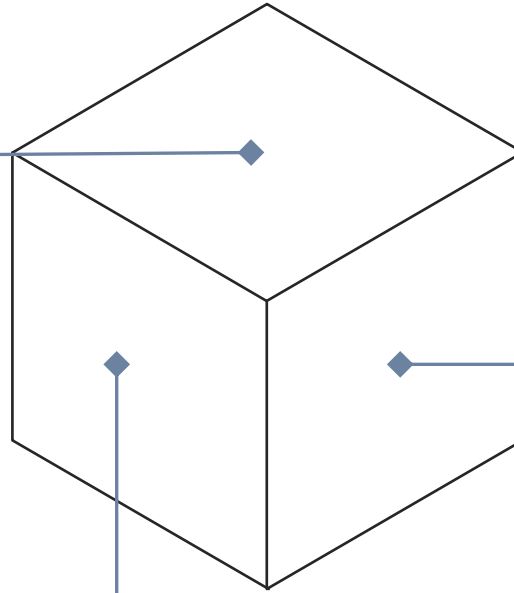
Sample Azure Landing Zone (with AzAnchor)

A Enterprise enrollment
- Enrollment
- Department
- Account — Subscription

B Identity and access management
- Approval workflow
- Notifications
- MFA
- Access reviews
- Audit reports

Privileged Identity Management
- App/DevOps
- Subscription manager
- *Other custom roles*

Azure Active Directory
- Service principal(s)
- Security group(s)
- Users

On-premises
Active Directory

Platform DevOps team

I DevOps
Git Repository — Boards — Deployment pipeline(s)
— Wiki
- Role definitions
- PolicySet definitions
- Policy definitions
- Role assignments
- Policy assignments
- Resource templates
- Subscription provisioning
- Role provisioning
- Policy deployment
- Platform deployment

Identity subscription
Resource group(s)
- DC1 DC2
- Azure Key Vault
- Recovery...
- Cost management
- Azure Monitor
- Role entitlement
- Policy assignment
- Network Watcher
- Security Center

C Management group and subscription organization
Management groups
- Tenant root group
- Contoso
- Platform
  - Identity
  - Management
  - Connectivity
- Landing zones
  - SAP
  - Corp
  - Online
- Decommissioned
- Sandbox

Subscriptions
- Identity subscription
- Management subscription
- Connectivity subscription
- Landing zone A1
- Landing zone A2
- Decommissioned subscriptions
- Sandbox subscription 1
- Sandbox subscription 2

D Management subscription
Dashboards (Azure portal)
Automation account(s)
- Change tracking
- Inventory management
- Update management
Log analytics workspace
- Dashboards
- Queries
- Alerting
- Role entitlement
- Policy assignment
- Network Watcher
- Security Center

Subset → On-premises systems

E Connectivity subscription
- Azure DDoS Standard
- Azure DNS
Hub VNet Region 1 — VNet peering
- Azure Firewall
- ExpressRoute
- VPN
- Role entitlement
- Policy assignment
- Network Watcher
- Security Center

F Landing zone subscription
Virtual network — DNS — UDR(s) — NSG/ASG(s)
Resource group(s)
Load Balancer
- Azure Key Vault
- File Share
- Recovery...
- Application
- Application
- Application
Dashboards (Azure portal) — Recovery Services vault(s) — Shared services
- Role entitlement
- Policy assignment
- Network Watcher
- Security Center

G VM SKU(s)
Compliant VM templates
- Access credentials
- In-guest policies/DSC
- Backup policy
- Extensions
- Tagging

H Sandbox subscription
- Applications
- Applications
- Applications
- Role entitlement
- Policy assignment
- Network Watcher
- Security Center

Our Azure Services

Strategy

- Cloud Strategy and Roadmap
- Cloud Business Case
- Cloud Migration Plan
- Cloud Operating Model
- Azure Architecture and Design
- Azure Landing Zones

Optimisation

- Organisational Change Management
- Cost Optimisation
- Security and Compliance
- Governance and Operational Excellence
- Reliability
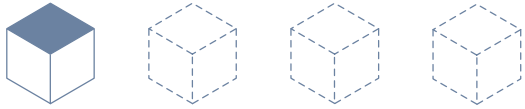- Performance and Efficiency

Transformation

- Azure Migration – Apps and Infra
- Azure Application Modernisation
- Azure Cloud Native Applications
- Virtual Desktops on Azure
- DevOps – App, Infra, Process
- Azure Data and Integration

Our Azure Offerings

Strategy

- Cloud Strategy and Roadmap
- Cloud Business Case
- Cloud Migration Plan
- Cloud Operating Model
- Azure Architecture and Design
- Azure Landing Zones

AzNavigator   AzAnchor

Transformation

- Azure Migration – Apps and Infra
- Azure Application Modernisation
- Azure Cloud Native Applications
- Virtual Desktops on Azure
- DevOps – App, Infra, Process
- Azure Data and Integration

AzAccelerate   AzTransformer

AzInvent   SimpleAz

Optimisation

AzWell

AzWatcher

- Organisational Change Management
- Cost Optimisation
- Security and Compliance
- Governance and Operational Excellence
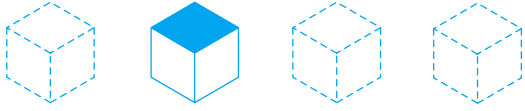- Reliability
- Performance and Efficiency

AzEmbrace

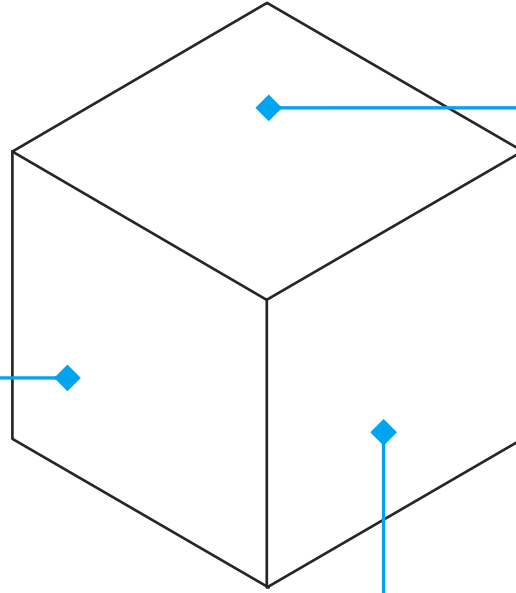AzAssist

Our Approach

Technology

Cloud Architecture

Patterns, Practices, Blueprints

Innovation, Art of the Possible

Observability, Control Tower, SDLC, DevOps

Guardrails, Policy, Automation

People

Operating Model

Organisational Change Management

Learning and Development

Organisation and Team Structures

Process

Guiding Principles

Governance and Control

Information Security and Risk Management

Financial Management

"DevSecFinBizOps" and Design Thinking

Is AzAnchor the right service for me?

AzAnchor is right for you if

- You are planning to move to Microsoft Azure.
- You have moved to Microsoft Azure to support tactical / operational needs and now need to ensure the right foundation is in place before the environment grows exponentially.
- You have concerns around governance, operations, cost control or transparency

AzNavigator

If you are looking to move to Azure, and want help around business case, strategy, operating model, architecture and design
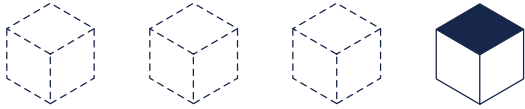
AzTransformer

If you have decided to use Azure, and want hands-on help around migration, transformation, innovation and delivery

AzWell / AzWatcher

If you are looking at an assessment of your current Azure estate / security posture and prioritised next steps based on your specific context

Cloud Services – Partnership Operating Model

		Plan			Design/Build/Migrate			Run	
Strategy	Client	Transformation & Strategy	Design Thinking	Enterprise Architecture	Governance	Product Ownership	Change Management	Feedback loops	Continuous Improvements
App Dev	Client — App Dev Partners	App Principles	Automated Discovery (Apps, DBs)	Solution Architecture	Serverless / SaaS / PaaS / Integration, APIs / App Build, config / CaaS / DevOps, IDEs			App Support	Release, CI/CD / App Observability
Infra/Ops	Client — Managed Svcs Partners	Infra Principles	Automated Discovery (Infra)	Infra Foundations	IaaS / Storage / Infra Build / Network / Cloud Native Operations Framework / Identity, Access			Architectural Advisory / Infra Support / Monitoring	Cost Optimisation
Platform	Microsoft / Azure	Guidance, Design Patterns, References			Reference Artefacts / Funding / Focused guidance			Global Status	Service Health

Eighty20 Solutions: We focus on what matters

Cloud transformation specialists

Eighty20 Solutions brings together a team of Microsoft specialists with experience delivering Transformation programs for some of Australia's largest companies

Microsoft Partner — Microsoft

Gold Cloud Productivity
Gold Cloud Platform
Gold Windows and Devices
Gold Project and Portfolio Management
Silver Security
Silver DevOps
Silver Datacenter
Silver Application Integration
Silver Application Development

Customer DNA

Careers spent as the customer mean we've walked in your shoes and truly understand the real business drivers and customer pain points which helps us forge stronger partnerships

Eighty20 was formed to address a gap in the market for a customer centric, outcomes focused consultancy, with proven results delivering complex IT programs

End to end capability

Our diverse team consists of experts across Strategy, Project Delivery, Technical Execution, Organisational Change & Adoption and Managed Services

We place equal focus on the people, technology and logistical elements required to achieve outcomes

---

Est. 2018

100% Australian privately owned

CRN FAST50 2020 #4

4th fastest growing IT company **2020**

83% Year on year growth

Exceptional Service Partner Award 2020

WOOLWORTHS GROUP

>125 team members across **NSW, QLD, VIC** (Sydney headquarters)

88% Customer reengagement rate

EIGHTY20 SOLUTIONS

Our Services: We're transformation specialists with customer DNA and an end-to-end capability

Financial services

Retail and consumer goods

Government

Manufacturing and energy

Media and communications

Information Technology

Industries

EIGHTY20 SOLUTIONS

Our mission is to deliver technology transformations and managed services in a faster, simpler and more collaborative manner

Modern Work
- Office 365
- Teams
- SharePoint
- Intune
- Windows 10
- Enterprise Mobility

Cloud
Azure
- Virtual Desktop
- Data and AI
- App Modernisation and Migration

Business Applications
- **Power Apps** — Application development
- **Power Automate** — Process automation
- **Power BI** — Business analytics
- **Power Virtual Agents** — Intelligent virtual agents
- **Microsoft Dynamics 365** — Intelligent business apps

Security
- Defender & Advanced Threat Protection
- Data Loss Prevention
- Information Protection
- Sentinel
- Identity Management

Managed Services + Operations

Transformation + Change, Adoption & Training

Strategy + Architecture

EIGHTY20 SOLUTIONS

Our Customers across Industries

Financial services

SUNCORP

Westpac

lendi

Stockland

Perpetual

CHARTERED ACCOUNTANTS
AUSTRALIA + NEW ZEALAND

MOELIS
AUSTRALIA

AlliedCredit
high performance finance

Retail and healthcare

WOOLWORTHS GROUP

PETBARN

mind.
AUSTRALIA

Harvey Norman

Metcash

EVENT
HOSPITALITY & ENTERTAINMENT

VICINITY
CENTRES

Government

NSW GOVERNMENT | Education

NSW GOVERNMENT | Planning, Industry & Environment

NSW GOVERNMENT | Communities & Justice

VICTORIA State Government | Environment, Land, Water and Planning

Media and communications

tpg TELECOM

Nine

SBS

Manufacturing and energy

BORAL

Endeavour Energy

HUNTER WATER

Information technology

NEC
NEC Software Solutions UK

ANZEND
Powered by Microsoft

AIRTRUNK

SAFETY
INDICATORS.COM

insightsoftware

FUTURE NOW
CAPITAL

CONTACT HARALD

EIGHTY20
SOLUTIONS

Why Eighty20 Solutions?

| 01	02	03	04	05
Microsoft specialists	**Proven results**	**Speed to value**	**Client-side background**	**End to end capability**
Eighty20 Solutions brings together a team of Microsoft specialists with experience delivering workplace transformations	We have proven customer success stories of delivering benefits on time and within budget across some of Australia's largest companies	Our workplace accelerator tools and processes combine all of our previous experience to expedite and de-risk delivery	Careers spent as the customer mean we truly understand the real business drivers and pain points of our customers and helps us forge stronger partnerships	Our diverse team consists of experts across Strategy Validation, Project Delivery, Technical Execution, Organisational Change Management & Adoption and Operations

Gold
Microsoft Partner
Microsoft

EIGHTY20
SOLUTIONS
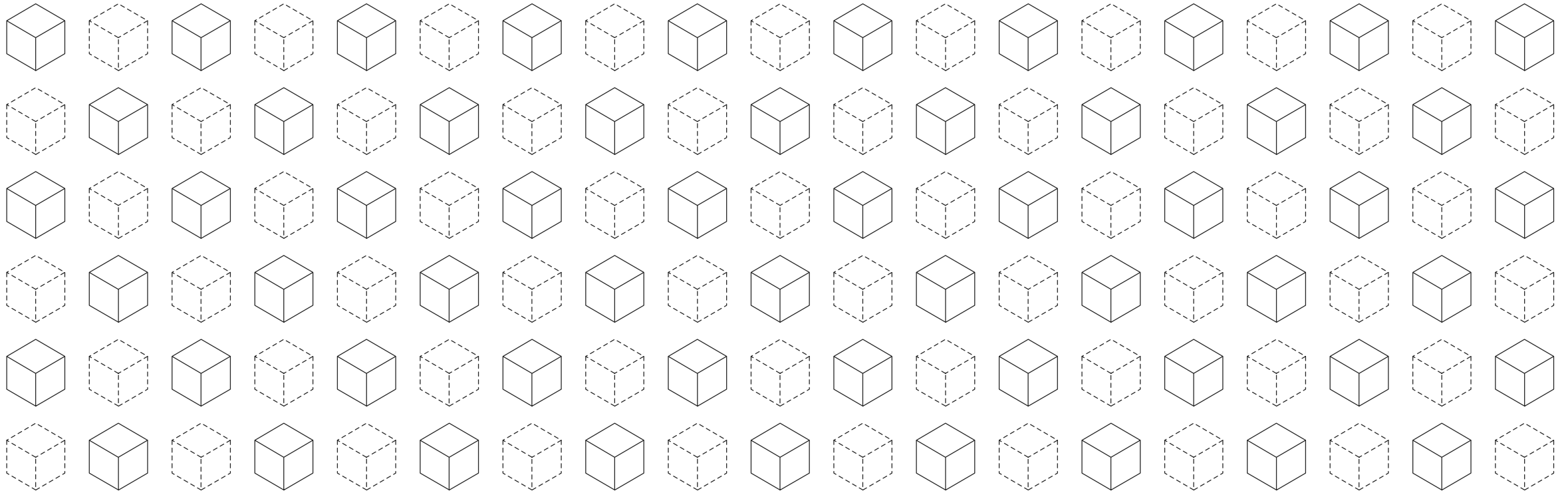
Thank you

SAYAN GHOSH AZURE LEAD

✉ sayan.ghosh@eighty20solutions.com.au

📞 **+61 (0) 0420 351 306**

JOHN KELLY FOUNDER and CEO

✉ john.kelly@eighty20solutions.com.au

📞 **+61 (0) 0409 999 912**

EIGHTY20 SOLUTIONS

Gold
Microsoft Partner
Microsoft