



[Azure Service Operations Management](#)



[Azure Service Delivery Management](#)



NoCode Innovation Cloud Excellence (NICE)

| A Sneak Peek into a Series of Bespoke Services

| Developed on i3-NoCode Cloud Excellence Platform ([i3CEP](#))

| Inclusive Design with Sensible Intelligence (SI - Practical | Reasonable | Rational)

| Primary focus on Customers Service Management

| Service Readiness |

- | OTB (Out-of-The-Box) | Ready-to-Deploy
- | Co-BOLT (Co-Build, Operate, Lease, Transfer)

| Service Deployment Options |

- | Direct Method | Customers Tenant
- | Indirect Method | Host on i4dCEP Tenant | Managed Service Subscription

□ WHY

- To deliver NoCode Innovative Customer centric Solutions
 - Inclusive Design based on Sensible Intelligence (SI – Practical | Reasonable | Rational)
- Relative Ease of Deployments | Operations – Reliable, Efficient, Scalable & Sustainable
 - Customized | Reusable | OTB (Out-of-The-Box) | Ready-to-Deploy
- No specific Tech Skills | No Codes / Code Repositories
 - No Code or API/KQL quires to be developed

□ How



Azure Service Operations Management

Service Solution (ASOM)	Framework	Design	Solution Stage	Maturity	Readiness
Azure Cost, Capacity, Optimization Management (ACOM)	100%	100%	100%	100%	OTB (Out-of-The-Box) Ready-to-Deploy
Business Service Monitoring (BSM)	90%	90%	15%	65%	Co-BOLT (Co-Build, Operate, Lease, Transfer)



Azure Service Delivery Management

Service Solution (ASDM)	Framework	Design	Solution Stage	Maturity	Readiness
NoCode Infrastructure (NCI)	90%	80%	20%	63%	Co-BOLT (Co-Build, Operate, Lease, Transfer)
Global Data Movement Framework (GDMF)	100%	100%	60%	86%	Co-BOLT (Co-Build, Operate, Lease, Transfer)
Mobile Multi Access Azure Service - Hybrid (MAS-H)	90%	80%	20%	63%	Co-BOLT (Co-Build, Operate, Lease, Transfer)

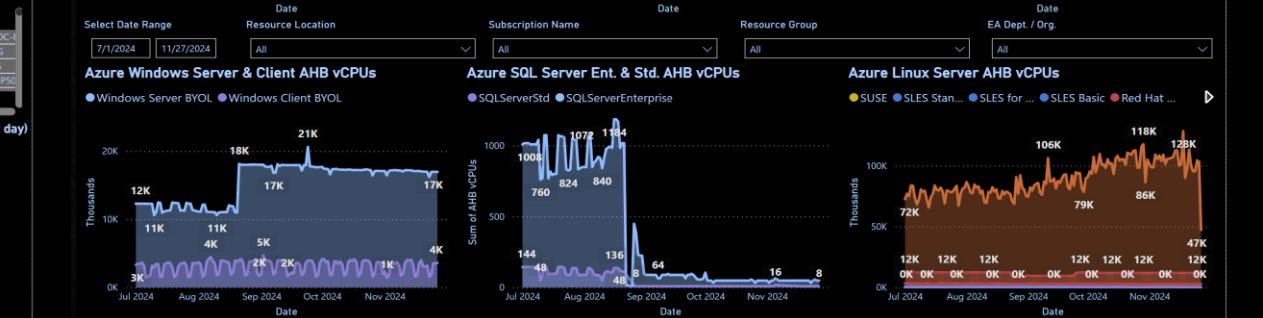
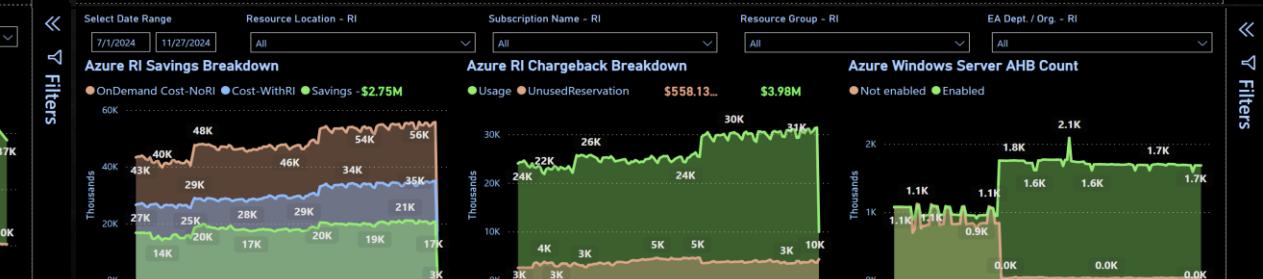
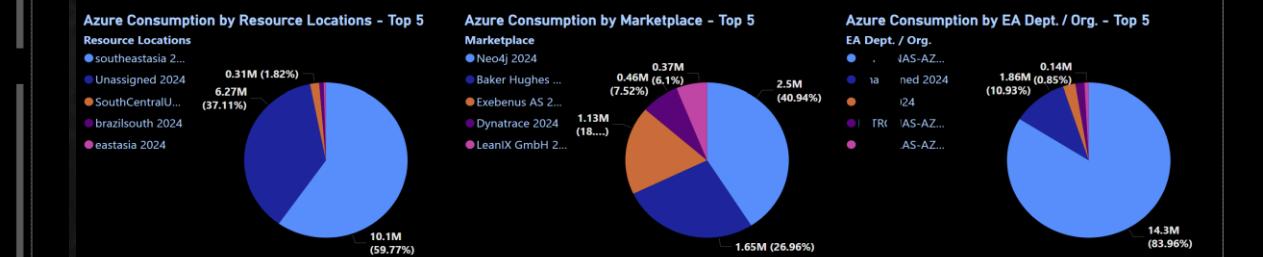
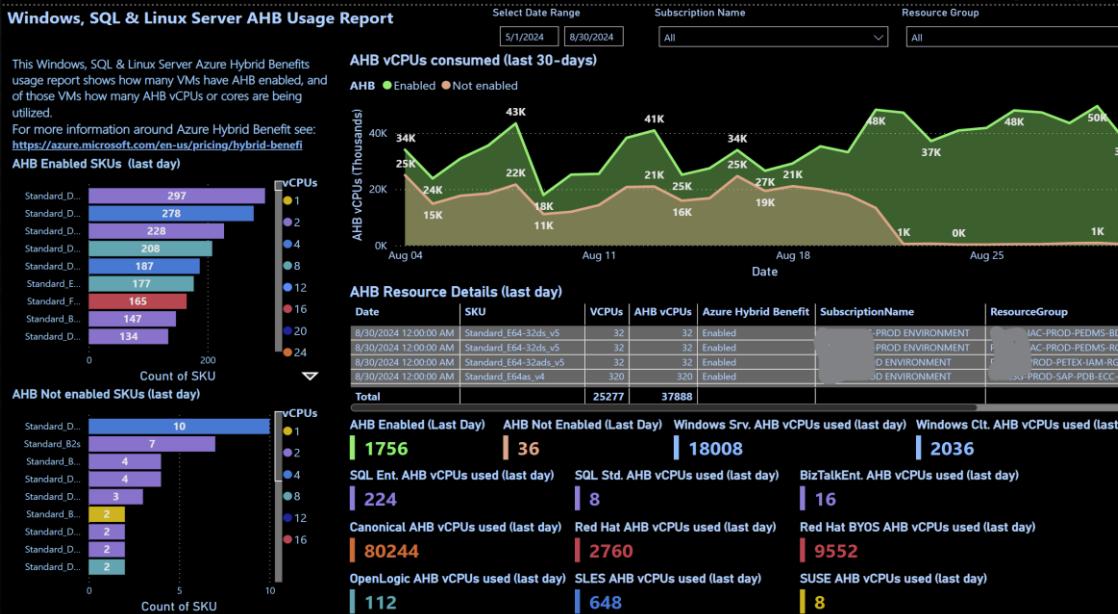
➤ Bespoke Service-1 -|- Azure Cost | Capacity | Optimization Management (**ACOM**) |

- A Customized, Reusable, Ready-to-Deploy Azure Service Usage Report Template
- **ACOM** Service Usage Report Template provides Azure Enterprise Agreement (EA) Customers with detailed & Advanced Insights into Daily / Monthly / Yearly Azure Spend, Service Usage Trends, Capacity In-Use and probable Cost & Capacity Optimization Service areas, cutting across Primary & B2B Tenants | Azure Regions | Organization / Departments | Accounts | Subscriptions, Resource Groups, Service Categories, Sub-Categories, actual Product SKUs, Individual Resources / Resources Names...
 - Aligned to [Azure EA Structure, Hierarchy & Framework](#) -|- *Get visibility of the current configured EA Structure & respective Azure Spend*
 - [High Level Overview Service Usage Reports](#) for Executive / CXO view -|- *Overall Service & Marketplace Spend | RI Purchase, Savings & Recommendations | AHB Usage*
 - [Low Level Service Usage Reports](#) for BAU Operations view -|- *Resource Count, Usage Hours, vCPUs / Cores, Data size, Cost & Last Day Capacity view for | Virtual Machines & License | Storage, ANF, AMLFS, Disks & Snapshots | Backup & ASR | Network & Bandwidth | Security | Databases | Data & AI | App Services | Resource Inventory | Price List*
 - Accurate up to n-1 day over a selected period, initial period is set to 1 or 2 Months, can be changed between 0 to 12 Months
 - Extensive Filters, Row / Column Drill-down options, Interdependent Tiles & a **Focus Mode** feature for enhanced Full-page visibility
 - Scheduled Reports to Refresh Daily / Weekly across different Time-Zones
 - Options to export Individual Reports to MS Excel or Analyse in MS Excel with Direct Query Live Connection to the Semantic Model
 - Requires Power BI / Fabric Workspace with Premium / Fabric Capacity License respectively and Azure 'Enterprise Billing (Reader)' RBAC for Data Connect
 - Deploy Directly Straight Out-of-The-Box (OTB) to Customer Tenant with Relative Ease
 - Optional Indirect-Deployment method | Host on i4dCEP | Subscribe with Managed Service
 - No Specific Tech Skills required, No Code or API/KQL/DAX quires to be developed
- Value Add - Bespoke Report | [Azure Resource Quota Usage Insights](#)
 - This Report serves as Readymade Template to get Azure Quota & Usage information for Compute, Disks, Storage & Network Resources and Idle / Orphaned Resources like NIC's, Managed Disks & Public IP's across all the Subscriptions under a specific Azure Tenant
 - Download the Report Template & go through the setup documentation at the GitHub Repo here - [GitHub - i3CEP/Azure-Quota](#)

Readiness

OTB (Out-of-The-Box) | Ready-to-Deploy

➤ Bespoke Service-1 - Azure Cost | Capacity | Optimization Management (ACOM) – Sample Snapshot of few Service Reports;



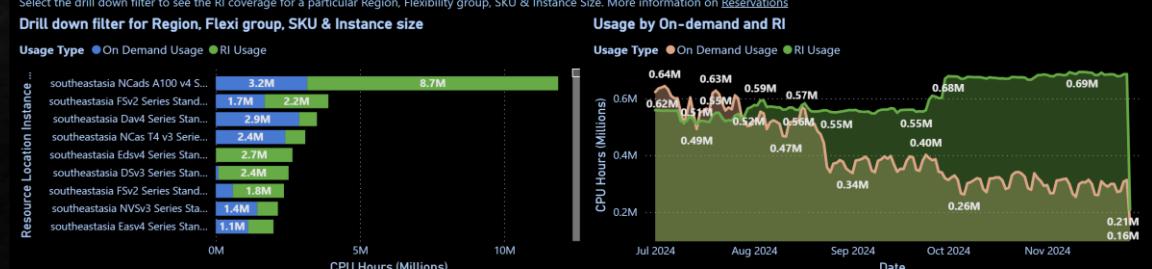
Bespoke Service-1 - Azure Cost | Capacity | Optimization Management (ACOM) – Sample Snapshot of few Service Reports:

Azure Reservation Details, Savings & Chargeback		Reservation Name	Select Date Range	Subscription Name	Resource Group	EA Dept. / Org.
All		7/1/2024	11/27/2024	All	All	All
This report shows the savings accrued from a reservation: The savings are available by Reservation name and at subscription, resource group and resource levels.						
Savings calculation factors:						
1. <i>OnDemandCost - No RI</i> is calculated using your on-demand cost rate. This provides a calculation of what your cost would have been without RI.						
2. <i>'UnusedReservation'</i> is the monetary value of RI underutilization and is subtracted from Total Savings .						

Azure Reservation Details & Savings - Flat Table						
Reservation Name	Subscription Name	Resource Group	Resource Name	OnDemand Cost-NoRI	Cost-WithRI	OnDemandCost-NoRI
SQLDW_RI_03-22-2022_11-20	AZSG-PROD ENVIRONMENT	AZSG-PROD-TALEND-EDH-RG	sg-1edh-sqldw-svr	245,828.35	116,195.00	\$7.29M
SQLDW_RI_03-22-2022_11-20	AZSG-PROD ENVIRONMENT	AZSG-PROD-CDLPB-RG	sg-1cdl-sqldw-svr	71,004.49	33,561.92	\$4.54M
VM_RI_01-17-2024_14-07	AZSG-PROD-OC ENVIRONMENT	00NC96v4 GROUP	00NC96v4_460f5741	46,160.83	19,582.95	
VM_RI_07-29-2024_20-30	AZSG-PROD-OC ENVIRONMENT	00NC96v4 GROUP	00NC96v4_abd89e14	40,269.79	17,099.55	
VM_RI_07-29-2024_20-30	AZSG-PROD-OC ENVIRONMENT	00NC96v4 GROUP	00NC96v4_83f573a	39,997.56	16,983.72	
VM_RI_07-29-2024_20-30	AZSG-PROD-OC ENVIRONMENT	00NC96v4 GROUP	00NC96v4_ac16e13e	39,987.43	16,979.72	
VM_RI_07-29-2024_20-30	AZSG-PROD-OC ENVIRONMENT	00NC96v4 GROUP	00NC96v4_8f0c46f0	39,816.22	16,906.72	
VM_RI_07-29-2024_20-30	AZSG-PROD-OC ENVIRONMENT	00NC96v4 GROUP	00NC96v4_6d4ae92e	39,784.90	16,893.42	
VM_RI_07-29-2024_20-30	AZSG-PROD-OC ENVIRONMENT	00NC96v4 GROUP	00NC96v4_c1e7e011	39,743.69	16,875.52	
VM_RI_07-29-2024_20-30	AZSG-PROD-OC ENVIRONMENT	00NC96v4 GROUP	00NC96v4_c2d81ed3	39,574.84	16,804.22	
Total				7,286,230.96	4,538,703.72	

Azure Reservation Details & Savings - Hierarchical Table						
Year	2024	July	August	September	October	November
Month						
Reservation Name		OnDemand Cost-NoRI	Cost-WithRI	Savings	OnDemand Cost-NoRI	Cost-WithRI
VM_RI_01-17-2024_14-06	175,200.10	66,709.43	108,490.67		175,199.29	66,709.43
VM_RI_07-29-2024_20-30	16,108.20	6,839.86	9,268.34		19,971.44	8,814.26
SQLDW_RI_03-22-2022_11-20	75,712.42	35,786.78	39,925.64		75,712.42	35,786.78
VM_RI_01-17-2024_14-07	63,076.32	26,759.01	36,317.31		63,076.32	26,759.01
VM_RI_09-25-2024_14-32					2,402.10	1,019.98
VM_RI_08-30-2024_22-35					1,382.12	
SQLDW_RI_11-01-2022_15-29	31,878.91	15,068.12	16,810.79		31,878.91	15,068.12
EDHDataBricks_Plan_05-31-2023_11-08	131,637.42	117,406.34	14,231.07		118,475.50	105,667.34
Total	1,313,084.28	823,457.34	489,626.94		1,448,565.97	881,734.66
					566,831.31	

Azure VM RI Coverage (Shared Recommendation)						
Usage Type	On Demand Usage	RI Usage	Select Date Range	Subscription Name	Resource Group	EA Dept. / Org.
This report shows the split between On-Demand and RI VM usage over the selected time period and provides recommendation for VM RI purchases at shared scope.						
Select the drill down filter to see the RI coverage for a particular Region, Flexibility group, SKU & Instance size. More information on Reservations						



Recommendations for Shared Scope. These recommendations are calculated by evaluating your last 30 days of usage.

Flexibility Group: Location: southeastcentral, SKU: Standard NV24s v3, Recommd.Qty: 9.00, Normalized Size: Standard NV24s v3, Recommd.Qty Normalized: 9.00, Term: 18, Scope: P3Y, Cost-WithNoRI: 12,866.85, Cost-WithRI: 7,649.22, Net Saving: 5,217.63

Flexibility Group: Location: southeastasia, SKU: Standard E16-4ds v5, Recommd.Qty: 10.00, Normalized Size: Standard E16-4ds v5, Recommd.Qty Normalized: 10.00, Term: 80, Scope: P3Y, Cost-WithNoRI: 6,828.60, Cost-WithRI: 3,734.44, Net Saving: 3,094.17

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Flexibility Group: Location: southeastasia, SKU: Standard D8a v4, Recommd.Qty: 58.00, Normalized Size: Standard D8a v4, Recommd.Qty Normalized: 58.00, Term: 232, Scope: P3Y, Cost-WithNoRI: 25,205.37, Cost-WithRI: 22,397.22, Net Saving: 2,808.11

Flexibility Group: Location: southeastasia, SKU: Standard NC4s NC4as T4 v3, Recommd.Qty: 8.00, Normalized Size: Standard NC4s NC4as T4 v3, Recommd.Qty Normalized: 8.00, Term: 32, Scope: P3Y, Cost-WithNoRI: 26,450.40, Cost-WithRI: 23,642.94, Net Saving: 2,807.46

Flexibility Group: Location: southeastasia, SKU: Standard E16-4as v4, Recommd.Qty: 6.00, Normalized Size: Standard E16-4as v4, Recommd.Qty Normalized: 6.00, Term: 48, Scope: P3Y, Cost-WithNoRI: 4,240.69, Cost-WithRI: 2,433.59, Net Saving: 1,807.11

Flexibility Group: Location: southeastasia, SKU: Standard NV24s v3, Recommd.Qty: 6.00, Normalized Size: Standard NV24s v3, Recommd.Qty Normalized: 6.00, Term: 18, Scope: P1Y, Cost-WithNoRI: 12,866.85, Cost-WithRI: 11,126.03, Net Saving: 1,740.80

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Bespoke Service-1 - Azure Cost | Capacity | Optimization Management (ACOM) – Sample Snapshot of few Service Reports:

Select Date Range		Resource Location		Subscription Name		Resource Group		EA Dept. / Org.		
7/1/2024	11/27/2024	All	All	All	All	All	All	All		
Azure Services - EA Department-Account-Subscription Wise Consumption - MoM										
Year	2024									Total
EA Department Name	July	August	September	October	November	Total				
1-AZSG-(POD-1)	4,340,770.84	4,390,999.93	3,044,995.97	2,854,596.71	2,400,682.26	17,032,045.71	17,032,045.71			
Unassigned	609,146.66	617,544.12	713,776.98	694,005.12	489,909.72	3,124,382.61	3,124,382.61			
..	135,385.77	145,325.26	149,462.58	157,240.64	130,786.35	718,200.60	718,200.60			
2-AZSCUS-(POD-6)	107,501.16	97,036.45	95,874.90	91,403.68	85,665.73	477,481.92	477,481.92			
AZBR-(POD-5)	46,818.18	48,706.83	50,607.85	51,289.98	45,651.40	243,074.25	243,074.25			
3-AZWEU-(POD-4)	19,142.92	19,077.68	16,815.32	19,037.51	16,168.73	90,242.15	90,242.15			
ENERGY	6,426.04	6,081.36	5,588.03	6,018.53	5,162.27	29,276.23	29,276.23			
..	2,541.47	2,534.02	2,467.65	2,532.36	2,184.39	12,259.88	12,259.88			
Total	5,267,733.04	5,327,305.66	4,079,589.28	3,876,124.54	3,176,211.36	21,726,963.88	21,726,963.88			

Select Date Range		Resource Location		Subscription Name		Resource Group		EA Dept. / Org.		
7/1/2024	11/27/2024	All	All	All	All	All	All	All		
Azure Services - Overall Consumption - MoM										
Year	2024									Total
Service	July	August	September	October	November	Total				
Unassigned	1,526,478.92	1,818,984.97	751,194.97	593,670.39	599,750.11	5,290,079.16	5,290,079.16			
Virtual Machines	1,315,915.69	1,102,608.83	1,105,712.86	994,465.45	578,887.27	5,097,590.10	5,097,590.10			
Storage	742,155.50	695,944.38	695,921.31	684,605.28	606,655.55	3,425,282.01	3,425,282.01			
Azure NetApp Files	213,318.32	198,935.97	194,333.00	258,981.56	224,216.19	1,089,784.98	1,089,784.98			
Azure App Service	196,735.52	196,792.95	188,059.70	188,752.38	164,708.97	935,049.52	935,049.52			
SQL Database	124,298.42	132,739.09	166,358.48	164,671.01	138,834.00	726,901.00	726,901.00			
Backup	182,169.18	167,332.90	126,609.13	132,005.54	113,483.16	721,599.91	721,599.91			
Microsoft Defender for Cloud	123,254.41	115,778.39	112,456.95	119,227.21	106,329.89	577,046.85	577,046.85			
Bandwidth	99,543.18	102,357.45	99,971.68	101,510.33	92,591.19	495,973.63	495,973.63			
Azure Synapse Analytics	80,970.47	80,776.12	79,907.59	79,727.51	79,454.05	400,835.74	400,835.74			
Sentinel	71,125.94	69,294.91	69,875.21	77,820.52	58,023.50	346,140.09	346,140.09			
Virtual Machines Licenses	64,569.37	171,094.38	14,257.14	16,417.46	14,303.72	285,641.07	285,641.07			
Total	5,267,733.04	5,327,305.66	4,079,589.28	3,876,124.54	3,176,211.36	21,726,963.88	21,726,963.88			

Select Date Range		Resource Location		Subscription Name		Resource Group		EA Dept. / Org.						
7/1/2024	11/27/2024	All	All	All	All	All	All	All						
Azure Services - EA Department-Account-Subscription Wise Capacity Utilization (Last 1 Month)														
Date	10/29/2024 12:00:00 AM					10/30/2024 12:00:00 AM								
EA Department Name	Count	Quantity	UOM	VCPUs	DataSize(GB)	Cost	Count	Quantity	UOM					
1-AZSG-(POD-1)	78586	185,697,527.17	1	235899	28,877,051.35	172,151.71	67003	185,746,909.91	2	219149	28,144,686.76	87,142.02	71	
Unassigned	806	1,236,591.47	1	475	173,973.14	2,806.78	972	1,252,197.34	1	637	173,563.60	164,402.91	3	
..	3516	105,712.27	1	7338	861,326.54	5,085.55	3485	109,885.28	1	6762	867,651.36	5,106.40	3	
2-AZSCUS-(POD-6)	274	3,508,434.50	1	462	1,650,347.35	3,246.14	278	3,507,946.72	1	458	1,652,632.96	3,247.34		
AZBR-(POD-5)	3	15,243.79	1	1 GB	27,349.12	1,701.03	3	15,167.35	1	1 GB	27,282.53	1,691.92		
3-AZWEU-(POD-4)	43	12,859.41	1	GB	28	27,178.64	694.15	41	12,810.65	1	32	27,036.91	690.12	
ENERGY	198	4,766.93	1	116	11,024.92	195.41	196	4,854.91	1	122	11,031.46	195.59		
..	258	1,604.40	1	34	6.51	81,88	276	1,608.62	1	30	6.69	81,93		
Total	5,267,733.04	5,327,305.66	4,079,589.28	3,876,124.54	3,176,211.36	21,726,963.88	21,726,963.88							

Select Date Range		Resource Location		Subscription Name		Resource Group		EA Dept. / Org.				
7/1/2024	11/27/2024	All	All	All	All	All	All	All				
Azure Services - Overall Capacity Utilization (Last 1 Month)												
Date	10/29/2024 12:00:00 AM					10/30/2024 12:00:00 AM						
Service	Count	Quantity	UOM	VCPUs	DataSize(GB)	Cost	Count	Quantity	UOM			
Virtual Machines	16111	73,516.01	1 Hour	235778	0.00	115,786.02	12366	72,986.28	1 Hour	219722	0.00	
Storage	41613	107,572,221.26	1	16	22,377,890.56	21,699.13	35891	107,603,806.07	1	32	21,639,903.3	
Unassigned	18	3,029.23	Unassigned	73	0.00	74,08	17	3,075.97	Unassigned	75	0.00	
Azure NetApp Files	14	60,678,144.00	1 GiB/Hour		2,528,256.00	9,070.34	14	60,678,144.00	1 GiB/Hour		2,528,256.00	
Azure App Service	3344	20,956.37	1 Hour		0.00	5,340.19	3349	21,076.21	1 GiB	0.01		
SQL Database	1093	50,985.1	1 GiB/Month		99,829.50	3,825.76	1092	51,089.32	1 GiB/Month		99,019.5	
Backup	489	148,060.91	1 GiB/Month		4,500,300.04	408.23	488	148,264.58	1 GiB/Month		4,506,501.1	
Microsoft Defender for Cloud	14297	280,154.72	1		27,11	3,873.68	13268	284,691.91	1		61.9	
Bandwidth	14826	51,686.30	1 GiB		51,686.30	3,708.33	12446	55,514.23	1 GiB		55,514.2	
Azure Synapse Analytics	31	2,870.14	1 Hour		112,833.55	88.66	31	2,872.28	1 Hour		110,053.5	
Sentinel	6	422.53	1 GiB		419.90	3,121.73	6	420.08	1 GiB		417.6	
Azure Data Factory v2	182	10,107.62	1 Hour		0.00	1,981.15	159	9,498.94	1 Hour		0.00	
Total	5,267,733.04	5,327,305.66	4,079,589.28	3,876,124.54	3,176,211.36	21,726,963.88	21,726,963.88					

Select Date Range		Resource Location		Subscription Name		Resource Group		EA Dept. / Org.		
7/1/2024	11/27/2024	All	All	All	All	All	All	All		
Azure Services - Subscription Wise Consumption - MoM										
Year	2024									Total
Subscription Name	July	August	September	October	November	Total				
1-AZSG-PROD ENVIRONMENT	2,202,308.11	2,548,857.27	1,382,875.41	1,214,599.80	1,123,882.30	8,472,522.89	8,472,522.89			
AZSG-PROD ENVIRONMENT	1,092,515.56	877,322.01	818,351.44	827,638.12	563,852.26	4,179,679.38	4,179,679.38			
Microsoft Azure Enterprise	580,823.91	589,978.47	685,557.83	665,413.96	466,948.85	2,988,723.03	2,988,723.03			
AZSG-IAC-PROD ENVIRONMENT	358,381.06	374,495.08	324,973.37	325,189.39	281,153.48	1,664,192.37	1,664,192.37			
AZSG-CORE ENVIRONMENT	258,935.49	243,323.13	209,659.49	188,264.94	166,792.09	1,039,987.15	1,039,987.15			
AZSG-DEV ENVIRONMENT	172,465.93	133,057.71	103,303.47	106,019.04	93,777.73	608,623.89	608,623.89			
AZSG-UAT ENVIRONMENT	150,503.78	135,062.93	103,783.70	95,750.18	95,797.98	565,079.78	565,079.78			
AZSCUS-PROD ENVIRONMENT	92,624.96	82,797.27	81,557.99	76,586.71	71,739.84	405,301.77	405,301.77			
AZSG-IAC-DEV ENVIRONMENT	52,796.27	55,158.39	53,637.30	42,851.28	39,866.84	244,310.09	244,310.09			
AZBR-PROD ENVIRONMENT	46,806.34	48,693.35	50,598.05	51,285.35	45,651.40	243,035.57	243,035.57			
-AZSG-PROD-ENV	45,509.33	47,560.96	41,724.35	42,748.72	36,149.81	213,693.17	213,693.17			
(PROD)	25,743.77	25,091.06	25,886.56	25,545.55	20,212.31	121,980.15	121,980.15			
Total	5,267,733.04	5,327,305.66	4,079,589.28	3,876,124.54	3,176,211.36	21,726,963.88	21,726,963.88			

Select Date Range		Resource Location		Subscription Name		Resource Group		EA Dept. / Org.		
7/1/2024	11/27/2024	All	All	All	All	All	All	All		
Azure Services - Resource Group Wise Consumption - MoM										
Year	2024									Total
Resource Group	July	August	September	October	November	Total				
00-az1-rg	2,255,520.57	2,584,972.59	1,643,891.95	1,056,606.13	1,168,685.05	8,709,676.30	8,709,676.30			
00-az1-rg	230,841.89	206,943.86	216,653.22	206,615.19	206,615.19	1,038,459.51	1,038,459.51			
AZSG-CORE-SENTINEL	191,445.50	184,178.04	179,709.37	143,869.50	211,494.21	1,010,795.61	1,010,795.61			
00-AZ1-VDI-RG	106,014.63	105,290.50	105,588.91	105,588.91	105,588.91	509,045.21	509,045.21			
00NC9V4 GROUP	289,439.48	79,705.33	51,986.27	48,653.56	56,668.08	1,428,617.13	1,428,617.13			
AZSG-PROD-core-RG	77,137.28	60,757.58	58,591.84	60,008.11	51,813.83	308,306.84	308,306.84			
AZSCUS-PROD-RG	46,802.08	48,686.46	50,591.39	49,647.24	49,647.24	243,009.15	243,009.15			
AZBR-PROD-RG	30,024.92	32,792.32	35,307.95	43,248.50	36,653.57	178,027.27	178,027.27			
abricks-rg	41,795.32	32,948.02	34,298.49	30,868.80	26,043.83	165,954.45	165,954.45			
Total	5,267,733.04	5,327,305.66	4,079,589.28	3,876,124.54	3,176,211.36	21,726,963.88	21,726,963.88			

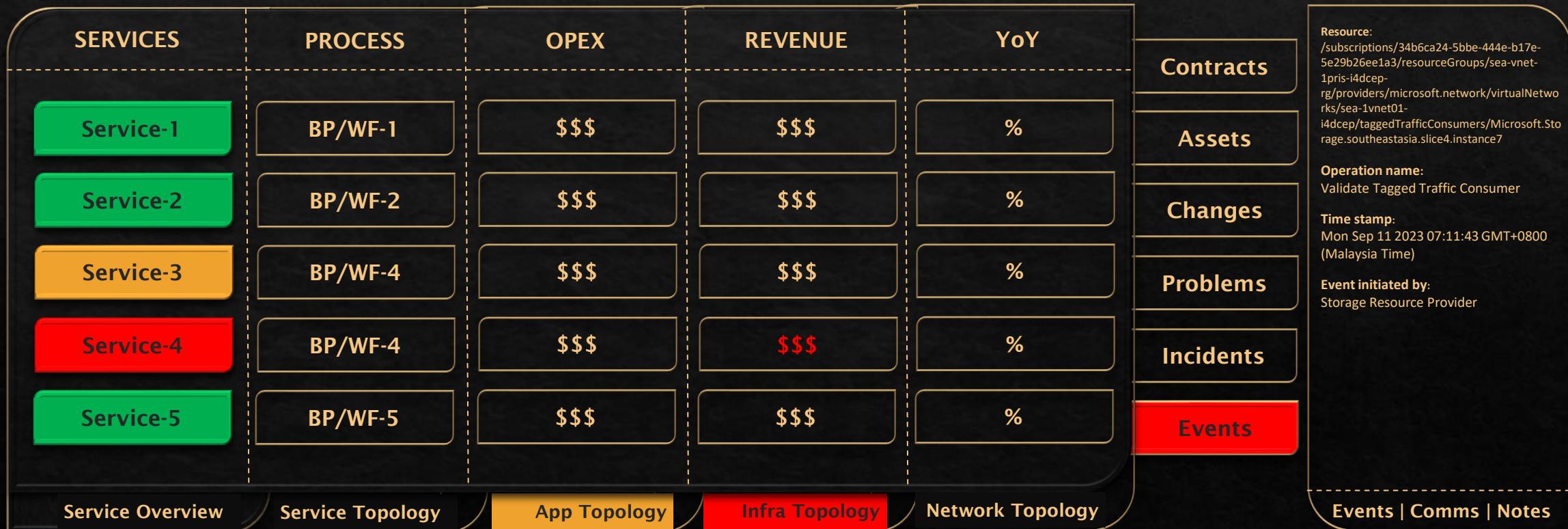
Select Date Range		Resource Location		Subscription Name		Resource Group		EA Dept. / Org.	
7/1/2024	11/27/2024	All	All	All					

➤ Bespoke Service-2 -|- End-to-End Business Service Monitoring (E2E BSM) |

Readiness

Co-BOLT (Co-Build, Operate, Lease, Transfer)

- BSM – A Paradigm shift from Resource based Monitoring to Business Service / Process based Monitoring
- Executive Level End-to-End (E2E) Service Health, Availability & Demography of Critical Upstream & Downstream Business Service / Process, Revenue, YoY Growth
- Near Real-Time & Live Topology view, Service Line Diagram, Reduce MTTR, Increase Service Availability, Syntetic Work Flow
- Inclusive Design Framework | Executive BSM View | Converged, Domain & Topology Specific View | One Integrated BSM Tool



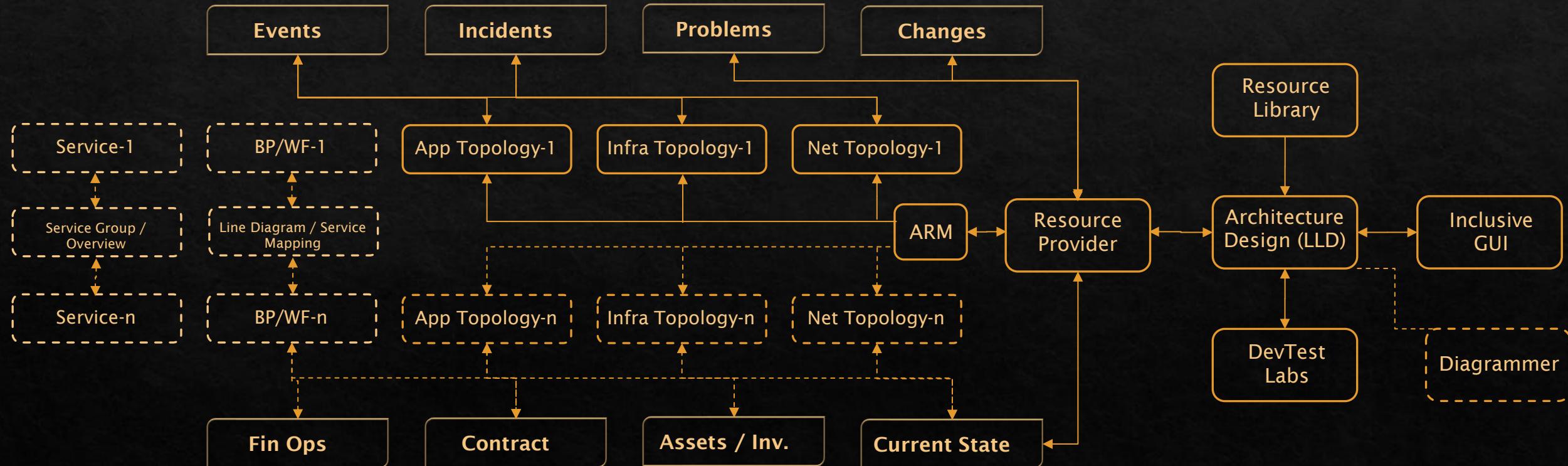
➤ Bespoke Service-3 -|- NoCode Infrastructure Ops (NCIO)

Readiness

Co-BOLT (Co-Build, Operate, Lease, Transfer)

NCIO

- Deploy Azure Services & Manage BAU Operations with just few Clicks
- Single Pane | Inclusive Design Framework | Absolute NoCode | Minimal Tech Skills
- Service Line Diagram, Near Real-Time Live Topology view, Synthetic Work Flow support
- Continuous Status update, Incremental / Delta upgrade or downgrade, Replicate multi-deployments, Stall or Tear down Infrastructure

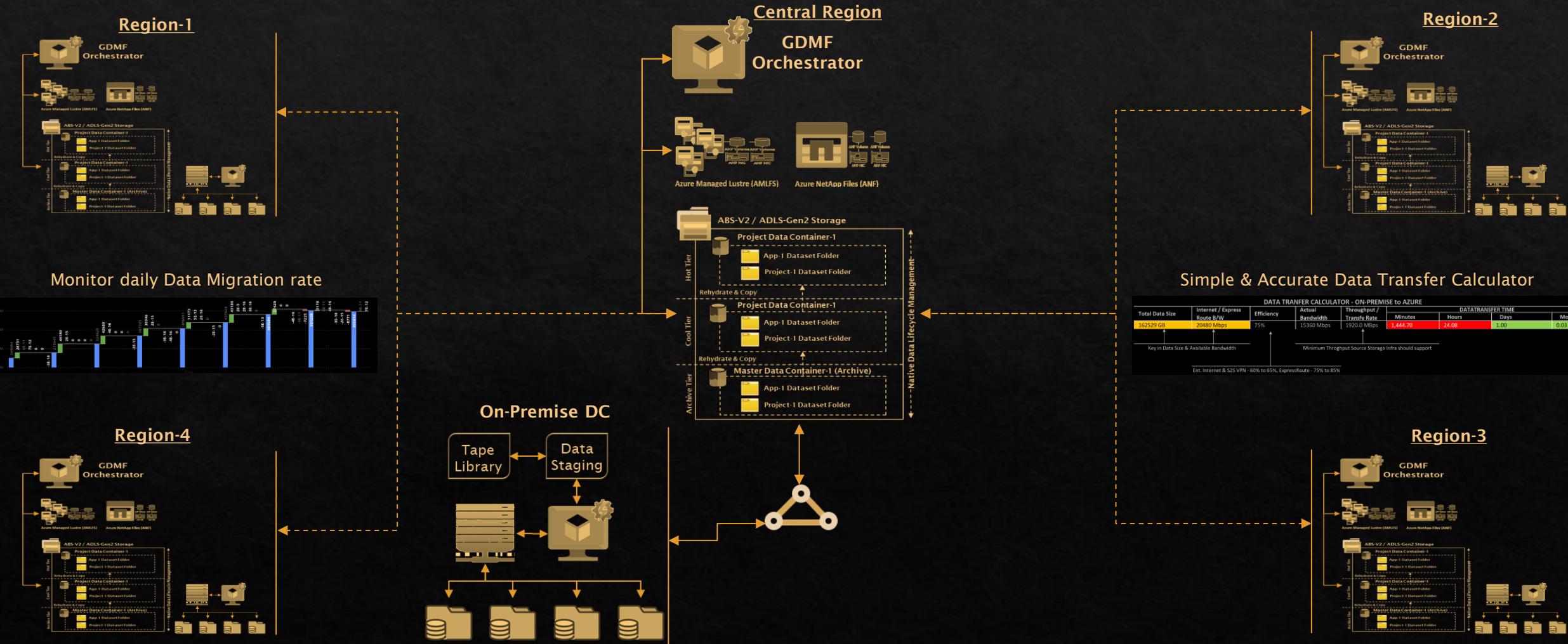


Bespoke Service-4 -| Global Data Movement Framework (GDMF) |

Readiness

Co-BOLT (Co-Build, Operate, Lease, Transfer)

- Automated Seismic Dataset Movement across Global Azure Regions
- Inclusive Design Framework | Automated or Manual Drag & Drop | No Tech Skills on Data Copy or Migration Tools
- Bi-Direction Seismic Dataset Replication | Monitor daily Data Migration rate | Simple & Accurate Data Transfer Calculator
- Achieve cumulative throughput @ 1920.0 MBps, migrate Data @ 158 TiB / Day with 75% efficiency – 1 PiB Data Transfer in ~ 6.5 Days

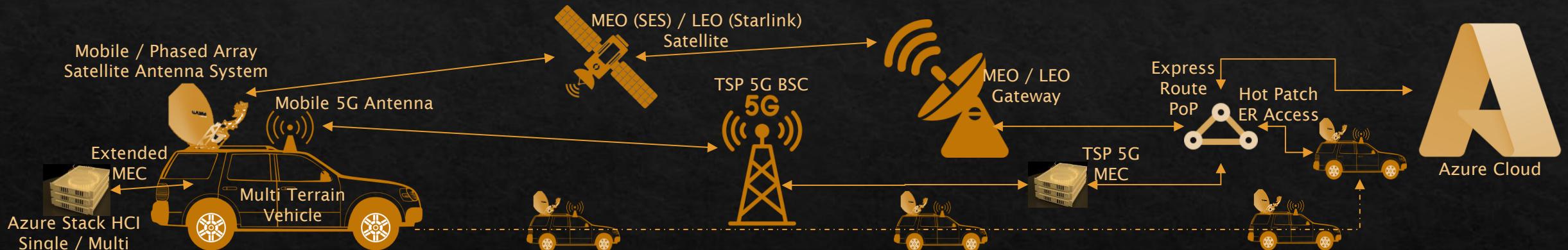


Bespoke Service-5 - Mobile Multi Access Azure Service - Hybrid (MAS-H)

Readiness

Co-BOLT (Co-Build, Operate, Lease, Transfer)

- Combination of Azure Stack HCI, 5G (SA/NSA/PN) & Satellite ExpressRoute (ER) Stacked into a MUV
- On-Demand / On-Spot Over-The-Air (OTA) Extended Multi Access Edge Computing Services (MEC) for Research Org's | Seismic Dataset Mass Ingestion | Interim Time bound Critical Workload Migration | Road Shows | Hackathon's | Hybrid Workflow Automation
- Micro DC Anywhere Everywhere | On-Demand OTA Azure Services | On-Spot OTA Azure Service Demo / POC for Near-Shore & Off-Shore Sites | Zero Hosting footprint | Zero Dependency / Lead time for Terrestrial Last mile | Drive-In & Out Hot Patch ER Access



Service Description / Service Components	Units / Quantity	Non- Recurring Cost (one time)	Recurring Cost (Monthly)	Outright Purchase (only for Harware)	Remarks
Satellite MEO Solution - Explorer 8120 COTM/COTP environment - 8 Watt extended range BUC / ODU - 20 Watt extended range BUC / ODU - Satellite Modem - IDU - Satellite Frequency Uplink Approval	1 1 x 1 1 Unit				SES MEO Ka Band O3b mPOWER service via Dubbo Satellite Gateway to Microsoft ExpressRoute PoP in Sydney
5G Wireless Solution - 5G Wireless Antenna - 5G Transceiver - 10Gbps Ethernet interface modules	1 1 2				5G NSA Network with 10G + 10G Fibre backhaul to Azure ExpressRoute via - CelcomDigi DC is much cheaper for Azure ExpressRoute to Equinox Singapore
Satellite B/W + Peering – MS ER PoP and / or 5G Wireless Mobile Network	- 50Mbps - 100 Mbps - 200 Mbps - 500 Mbps - 1 Gbps - 2 Gbps - 5 Gbps - 10 Gbps				Celcom - 5G Solution using a new Tier4 data centre
Azure Stack HCI - Ruggedised - Single Server Cluster - 1 U - Multi Server Cluster - xU Laptop - Ruggedised	1 x 1				
SUV / MUV / DSNG Mount Options	1				
Xx KW Online Generator + UPS	1				
Industrial Power Chord & Accessories	1 Bundle				
Cat-6 Ethernet +/ Optic Fiber cables	1 Bundle				

i3CEP

NoCode Innovation



Azure Service Operations Management



Azure Service Delivery Management



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