



Data management and analytics

Private equity firm

Took ownership of the on-premise Funds Admin Data Warehouse, and drove the transition of SSRS Reporting to Power BI, enhancing automation and collaboration

Private equity firm needs data management and analytics

Picture this...

You're looking to manage their current on-premise Data Warehouse (on SSMS) and associated SSRS reporting as well as drive the gradual transition of the reporting to Power BI, aiming to enhance automation and foster improved collaboration. Currently, lacking in the the resources to adequately maintain their Fund Admin Data Warehouse and manage incoming requests from end users.

You turn to Accordion.

We partner with your team to take ownership of the on-premise Funds Admin Data Warehouse, and drove the transition of SSRS Reporting to Power BI, enhancing automation and collaboration, including:

- 1) Developing comprehensive documentation for the existing data infrastructure including detailed data dictionaries, dimensional models and data lineage for all key SSRS reports
- 2) Configuring the Power BI environment, established guidelines for the report development process (from requirements gathering to final deployment), and developed appropriate templates to gather/record information at each stage of the process
- 3) Implementing a workflow automation system using Jira and Teams to streamline communication and ticket creation for changes in slowing-changing fields relevant to investments in the Investran system
- 4) Enhancing multiple reports (such as NAV disclosure for Portfolio companies, Carried Interest/Co-investment Report to track Fund Performance) catering to the Funds Admin team and other business functions to enable the team to track the business' performance more effectively and with improved accuracy

Your value is enhanced.

- You have improved the data accuracy of fund performance and Portfolio Company financial performance reports to about 80%
- Workflow automation enabled real-time visibility into data field changes for relevant users, enabling them to take prompt action as necessary

KEY RESULT

- Improved the data accuracy of the fund and Portfolio Company performance reports to about 80%

VALUE LEVERS PULLED

- Data warehouse maintenance
- BI reporting on power BI

Data Management & Analytics for PE Firm

Situation

- Client lacked the resources to adequately maintain their Fund Admin Data Warehouse and manage incoming requests from end users
- Partnered with the client to manage their current on-premise Data Warehouse (on SSMS) and associated SSRS reporting as well as drive the gradual transition of the reporting to Power BI, aiming to enhance automation and foster improved collaboration

Accordion Value Add

- Developed comprehensive documentation for the existing data infrastructure including detailed data dictionaries, dimensional models and data lineage for all key SSRS reports
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- Implemented a workflow automation system using Jira and Teams to streamline communication and ticket creation for changes in slowing-changing fields relevant to investments in the Investran system
- Enhanced multiple reports (such as NAV disclosure for Portfolio companies, Carried Interest/Co-investment Report to track Fund Performance) catering to the Funds Admin team and other business functions to enable the team to track the business' performance more effectively and with improved accuracy

Impact

- Improved the data accuracy of fund performance and Portfolio Company financial performance reports to about 80%
- Workflow automation enabled real-time visibility into data field changes for relevant users, enabling them to take prompt action as necessary

Power BI configuration

- 1 ***Reviewed and configured the Tenant Settings for Power BI*** to ensure appropriate resource management, security, compliance, customization, thus enabling a positive user experience within the organization's Power BI environment
- 2 ***Established thorough guidelines and supporting documentation outlining the entire lifecycle of Power BI reports.*** This encompasses the process from initial report creation, publishing, versioning, through to archiving and retirement. Additionally, crafted custom Power BI templates that adhere to brand guidelines, ensuring consistency in design. Developed templates for requirements gathering and KPI documentation to provide users with structured support in developing BI assets
- 3 ***Created a structured framework in Power BI for seamless resource collaboration,*** employing workspaces, folders, and organized content for enhanced accessibility. Established clear guidelines for workspace naming conventions and defined user roles across development, testing, and production environments. Implemented a streamlined process for managing change requests from users to ensure efficient adaptation to evolving needs.
- 4 ***Established guidelines for consumer-level security planning*** in Power BI reports. Also, outlined guidelines for content creators, emphasizing methods to enhance content discoverability among end-users through certification and promotion for organization-wide usage

Tenant settings configuration

Admin portal

Usage metrics

Users

Audit logs

Tenant settings

Capacity settings

Embed Codes

Organizational visuals

Dataflow settings

Workspaces

Custom branding

Protection metrics (preview)

Featured content

Workspace settings

Create workspaces (new workspace experience)
Enabled for the entire organization

Download reports
Enabled for the entire organization

Users in the organization can download .pbi files and paginated reports. [Learn More](#)

Enabled

Apply to:

☒ The entire organization

☐ Specific security groups

☐ Except specific security groups

Apply

Cancel

Power BI lifecycle management



Content management & collaboration

Workspaces

to app
28. Manage access
⋮
Filter by legend

Finance

Finance [Dev]

Finance [Test]

Funds Admin

Funds Admin [Dev]

Funds Admin [Test]

Human Resources

Human Resources [Dev]

Human Resources [Test]

Investment Team

Investment Team [Dev]

Workspace type	Workspace Role	Assigned to	Purpose
Development	Admin	Report Developer	Development managers from Client team
	Member	Report Development Team	Report developers from Client team
	Admin	Third party developers	Third party developers e.g., Meritrics
	Member	Third party development team	Report developers from third party team e.g., Meritrics
	Admin	Report Developer (Internal UAT)	Development managers from Client team
Testing	Contributor	Internal UAT	Peer testing from development team, who validate Power BI content
	Contributor	External UAT	Business Stakeholders /end users who can validate the pilots
	Admin	Workspace Admin	Report development manager
Production	Viewer	Report Consumer	End users

Security management and adoption

Row-Level Security

Admin access (14)

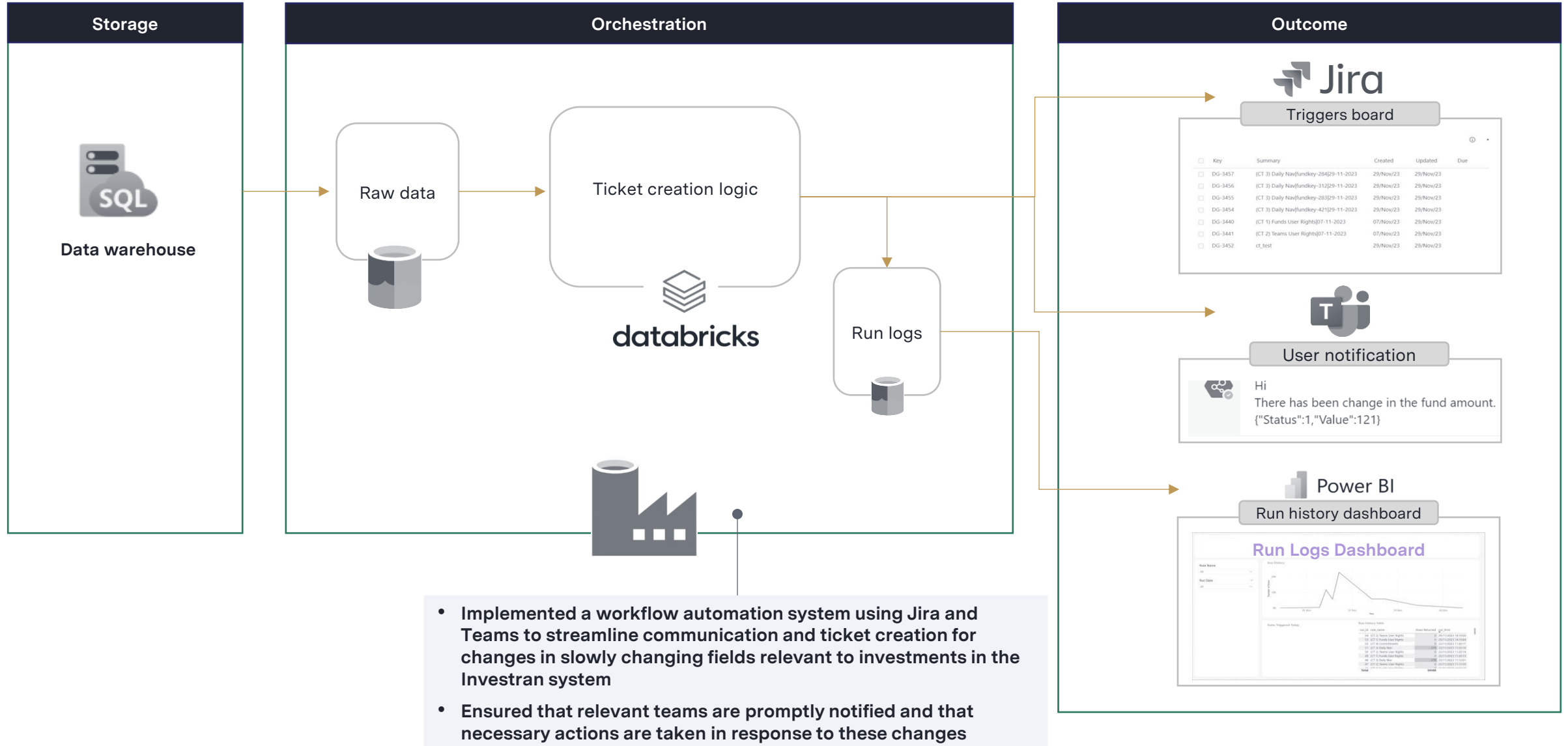
USERREGIONS (3)

Members (3)

People or groups who belong to this role

Name	Type	Owner	Location	Endorsement
Dummy Dataset 1	Semantic model	Admin User	Data Pulls	Certified
Dummy Dataset 2	Semantic model	Admin User	Data Pulls	Certified
Dummy Dataset 3	Semantic model	Admin User	Data Pulls	Certified
Dummy Dataset 4	Semantic model	Admin User	Finance	Promoted

Workflow automation to track data changes



Carried interest – Co-Investment report

Carried Interest as of 31 January, 20XX

	Carried Interest Base Share	Shares ¹	Gross Distributions ²	Current remaining value based on Fund FMV ³
Real and Notional Carried Interest (EUR)				
Partner A				
Division 1	0.75733%	6,513,025	€8,474,848	€553,244
Division 2	0.95583%	21,070,307	€8,076,906	€4,848,973
Division 3	0.96798%	5,327,030	€4,291,726	€1,189,686
Division 4	1.34069%	5,843,260	-	€7,723,135
Division 5	1.23810%	6,096,792	-	€2,213,672
Division 6	-	-	-	-
		44,850,414	€20,843,480	€16,528,710

Enhanced the Carried Interest – Co-investment report and verified data accuracy, empowering the team to evaluate the financial success and effectiveness of carried interest and co-investment strategies within the firm

Real and Notional Carried Interest (USD)

Partner B
Division 1
Division 2
Division 3
Division 4
Division 5
Division 6
Division 7
Division 8
Division 9
Division 10
Division 11

Co-Investment as of 31 January, 20XX

	Co Invest Type	Investor Commitment	Undrawn Commitment	Invested Capital	Distributions	Remaining Value ⁶	Total unrealised and realised value ⁶	Current gross MOIC
Fund Co-Investments (EUR)								
Partner A								
Division 1	Unleveraged	€650,000	€12,175	€637,825	€816,906	€734,187	€1,551,093	2.43x
Division 2	Unleveraged	€750,000	€80,837	€669,163	€84,374	€902,440	€986,814	1.47x
		€1,400,000	€93,012	€1,306,988	€901,280	€1,636,627	€2,537,907	
Partner B								
Division 1	Unleveraged	€215,231	(€0)	€215,231	€439,196	€14,609	€453,805	2.11x
Division 2	Unleveraged	€25,000	€188	€24,813	€38,628	€3,416	€42,044	1.69x
Division 3	Leveraged ⁵	€1,130,469	€716,252	€506,592	€1,042,228	€160,147	€1,202,375	2.37x
Division 4	Unleveraged	€133,042	-	€133,042	€253,377	€29,336	€282,713	2.12x
Division 5	Unleveraged	€2,440	(€0)	€2,440	€2,486	€1,954	€4,440	1.82x
Division 6	Unleveraged	€688,927	€12,903	€676,024	€865,831	€778,154	€1,643,985	2.43x
Division 7	Unleveraged	€2,500	-	€2,500	€2,744	€2,320	€5,064	2.03x
Division 8	Unleveraged	€2,633,940	€283,894	€2,350,046	€296,315	€3,169,280	€3,465,595	1.47x
Division 9	Unleveraged	€1,865	-	€1,865	-	€1,935	€1,935	1.04x
Division 10	Unleveraged	€2,281	(€0)	€2,281	-	€2,280	€2,280	1.00x
		€4,835,695	€1,013,237	€3,914,833	€2,940,805	€4,163,431	€7,104,236	

NAV disclosure – Portfolio summary report

Portfolio Summary

31 December, 20xx

Amounts in EUR

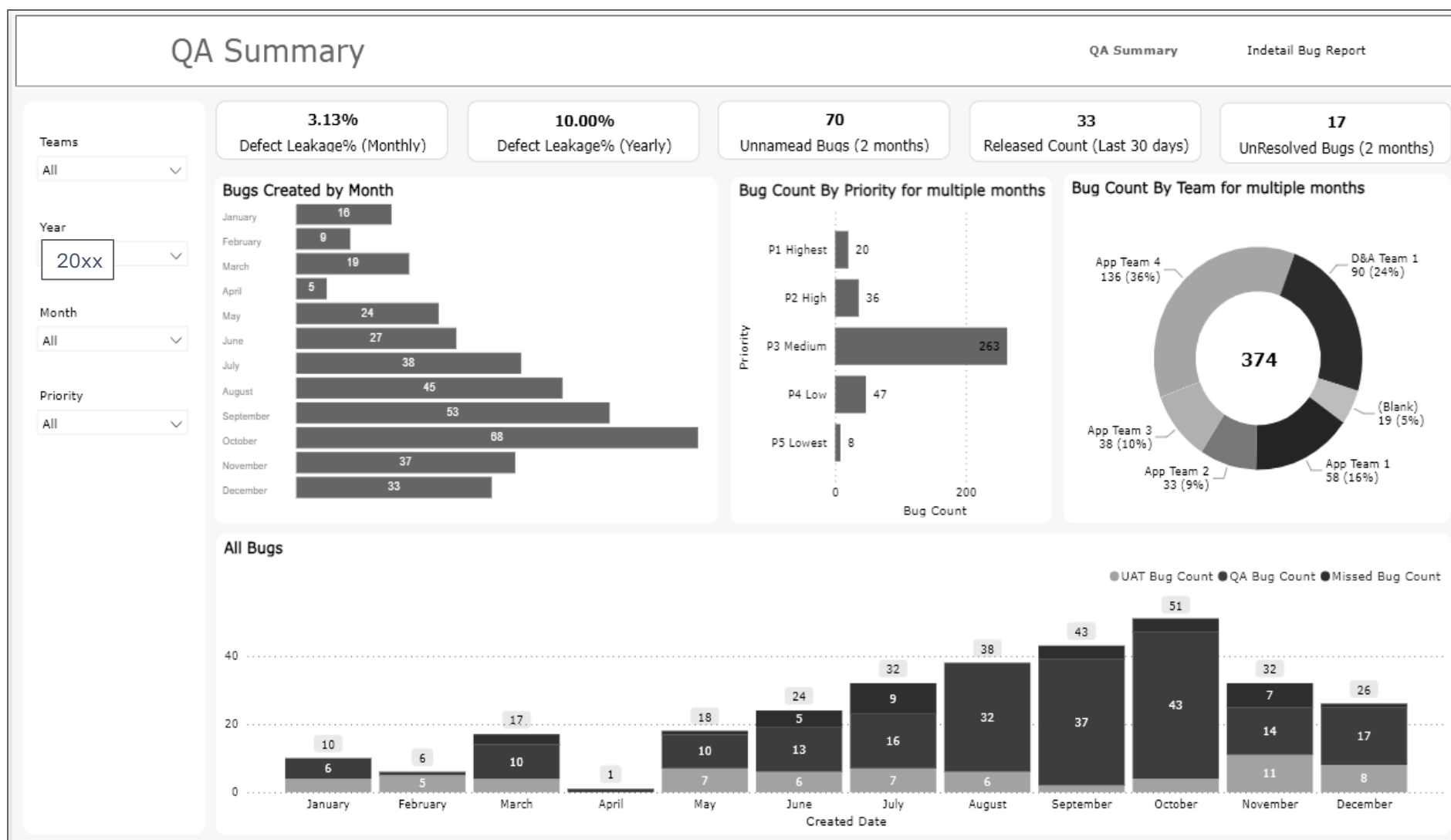
						Dec 20xx		Sep 20xx			
	Current % Ownership	Total Cost	Cost of Realisation	Total Proceeds and Income	Current Cost	Current Valuation	Total Value	Gross Multiple	Total Value	Gross Multiple	Change in Total Value
Unrealised											
PortCo 1	6.3	143,817,558	-	-	143,817,558	416,400,000	416,400,000	2.9x	463,100,000	3.2x	(46,700,000)
PortCo 2	23.7	94,234,753	-	(302,021)	94,234,753	244,400,000	244,097,979	2.6x	281,897,979	3.0x	(37,800,000)
PortCo 3	6.7	47,431,520	-	69,607,285	47,431,520	106,700,000	176,307,285	3.7x	174,507,285	3.7x	1,800,000
PortCo 4	23.5	21,951,057	-	-	21,951,057	55,300,000	55,300,000	2.5x	55,500,000	2.5x	(200,000)
PortCo 5	0.5	61,095,065	-	(4,239)	61,095,065	24,684,814	24,680,575	0.4x	23,056,503	0.4x	1,624,072
PortCo 6	7.9	22,501,716	-	-	22,501,716	31,500,000	31,500,000	1.4x	35,700,000	1.6x	(4,200,000)
PortCo 7	21.5	63,544,544	-	-	63,544,544	145,000,000	145,000,000	2.3x	151,400,000	2.4x	(6,400,000)
PortCo 8	19.4	82,147,431	-	-	82,147,431	90,300,000	90,300,000	1.1x	93,700,000	1.1x	(3,400,000)
		536,723,644	-	69,301,025	536,723,644	1,114,284,814	1,183,585,839	2.2x	1,278,861,767	2.4x	(95,275,928)

Partial Realisation					
PortCo 9	9.4	53,652,980	49,348,940	101,686,930	4,
PortCo 10	5.3	69,940,132	53,008,756	212,949,358	16,
PortCo 11	3.8	66,834,646	47,983,590	133,538,024	18,
PortCo 12	26.3	51,392,570	12,456,766	12,456,766	38,
PortCo 13	2.0	122,581,642	45,786,939	73,577,847	76,
PortCo 14	7.8	134,721,062	61,148,427	143,937,152	73,
PortCo 15	24.4	89,336,099	24,780,843	27,959,464	64,
PortCo 16	12.6	110,654,352	110,654,352	326,237,753	
PortCo 17	22.3	51,499,872	49,326,960	72,995,793	2,
PortCo 18	16.6	159,482,004	52,601,499	52,601,499	106,
		910,095,359	507,097,073	1,157,940,589	402,9

						Dec 20xx		Sep 20xx			
	Current % Ownership	Total Cost	Cost of Realisation	Total Proceeds and Income	Current Cost	Current Valuation	Total Value	Gross Multiple	Total Value	Gross Multiple	Change in Total Value
Fully Realised											
PortCo 19	-	52,026,492	52,026,492	80,629,877	-	2,063,182	82,693,059	1.6x	82,783,993	1.6x	(90,934)
PortCo 20	-	107,450,814	107,450,814	333,533,313	-	-	333,533,313	3.1x	333,533,313	3.1x	-
PortCo 21	-	42,133,268	42,133,268	160,739,148	-	-	160,739,148	3.8x	160,739,148	3.8x	-
PortCo 22	-	45,695,020	45,695,020	138,193,594	-	-	138,193,594	3.0x	138,213,737	3.0x	(20,143)
PortCo 23	-	36,238,516	36,238,516	40,607,166	-	-	40,607,166	1.1x	40,607,166	1.1x	-
PortCo 24	-	176,901,813	176,901,813	458,365	-	-	458,365	-	3,955,552	-	(3,497,187)
PortCo 25	-	155,086,403	155,086,403	479,326,860	-	-	479,326,860	3.1x	479,326,860	3.1x	-
		615,532,326	615,532,326	1,233,488,324	-	2,063,182	1,235,551,506	2.0x	1,239,159,769	2.0x	(3,608,263)
Gross Portfolio											
		2,062,351,328	1,122,629,399	2,460,729,938	939,721,930	2,885,425,975	5,346,155,912	2.6x	5,383,371,549	2.6x	(37,215,637)
Holdco facility											
PortCo 26	-	-	538,006	20,894,268	(538,006)	(22,952,228)	(2,057,960)	-	(2,483,032)	-	425,072
PortCo 27	-	23,608,287	580,312	42,163,955	23,027,975	(24,912,341)	17,251,614	-	15,551,608	-	1,700,006
PortCo 28	-	-	48,015,682	48,015,682	(48,015,682)	(49,765,509)	(1,749,827)	-	(5,145,801)	-	3,395,974
PortCo 29	-	-	73,572,634	73,572,634	(73,572,634)	(91,740,227)	(18,167,593)	-	(19,138,987)	-	971,394
PortCo 30	-	-	-	186,763,532	-	(229,240,168)	(42,476,636)	-	(45,186,712)	-	2,710,076
		23,608,287	122,706,634	371,410,071	(99,098,347)	(418,610,474)	(47,200,403)	-	(56,402,925)	-	9,202,522
Roundings	(1)	(1)	(1)	-	-	-	-	-	-	-	-
Total		2,085,959,615	1,245,336,032	2,832,140,009	840,623,583	2,466,815,500	5,298,955,509	2.5x	5,326,968,624	2.6x	(28,013,115)

Provided enhanced portfolio reporting with inclusion of liabilities, transitioning from Gross to Net Asset Value, resolving discrepancies and providing a comprehensive understanding of investment returns for the firm and investors

QA summary report



- Provided a centralized hub for monitoring and tracking ticket volume, enabling efficient oversight of issue management
- Enabled access to historical trends of reported bugs and implemented resolutions, support post-release analysis, facilitation of audits, and enhancement of future planning capabilities