

1. International (Global)

Role	Process	System	Input / Interface	Format	Frequency	Output
Asset Manager	<ul style="list-style-type: none"> • Perform transaction • Perform pre and post trade compliance • Confirm • Send settlement instruction to Master Custodian 	Unknown	Unknown	Unknown	Daily	Settlement Instruction
Master Custodian	<ul style="list-style-type: none"> • Perform safe custody • Send daily report to relevant parties 	Unknown	Interface to relevant parties	CSV or any compatible format	Daily	<ul style="list-style-type: none"> • Transaction details • Compliance • Confirmation • Settlement
Master Custodian	<ul style="list-style-type: none"> • Perform pre and post trade • Send breaches to relevant parties 	Unknown	Interface to relevant parties	CSV or any other compatible form	Daily	<ul style="list-style-type: none"> • Pre and Post trade compliance breaches or none
PIC	Receive pre and post trade compliance	Charles River	CSV or any other compatible format		Daily	Compliance
PIC	Performance and Attribution	Statpro	CSV		Daily	Performance and Attribution

2. External Managers

Role	Process	System	Input / Interface	Format	Frequency	Output
External Manager(s)	<ul style="list-style-type: none"> • Perform transaction • Perform pre and post trade compliance • Execute • Confirm • Send settlement instruction to Master Custodian 	Unknown	Unknown	Unknown	Daily	Settlement Instruction
Master Custodian	<ul style="list-style-type: none"> • Perform script and cash reconciliation • Send to relevant parties 	Unknown to PIC's HiPortfolio / Linx (Charles River: future)	CSV or compatible format		Daily / Monthly	Script and Cash Reconciliation
PIC	<ul style="list-style-type: none"> • Receive monthly reports together with source documents from External Managers 					
PIC	<ul style="list-style-type: none"> • Performance and Attribution 	Statpro	CSV or compatible format		Daily / Monthly	Performance and Attribution

Role	Process	System	Input / Interface	Format	Frequency	Output
PIC (Externally Managed Funds)	Daily Equity Information: Hiportfolio sends daily feeds to Atlas (custodian provides information and external Managers provide portfolio information)	Wilshire Atlas	C-Tree	CSV or other compatibility	Daily	Equity information

3. Development Managers

Role	Process	System	Input / Interface	Format	Frequency	Output
Development Managers	Perform transaction	Unknown	Unknown	CSV or compatible format	Daily	Transaction details
PIC	<ul style="list-style-type: none"> Perform pre and post trade compliance Executes trade Confirms Send settlement instruction to Master Custodian 	HiPortfolio	CSV or compatible format		Daily	Settlement Instruction
Master Custodian	<ul style="list-style-type: none"> Perform Script Reconciliation 	Unknown	CSV or compatible format		Daily / Monthly	Script Reconciliation

4. Management Fees

Role	Process	System	Input / Interface	Format	Frequency	Output
Master Custodian	Send relevant management fee data to PIC	Unknown	Unknown	CSV	Monthly	Monthly fees
PIC	<ul style="list-style-type: none"> Receives data Calculates 	Cognos IBM Express	Unknown	CSV or compatible format	Monthly	Send value
Master Custodian	<ul style="list-style-type: none"> Performs reconciliation between market values and basis points and performs monthly accruals 	Unknown	Unknown	Excel / CSV	monthly	Reconciled items

5. Development Capital

Role	Process	System	Input / Interface	Format	Frequency	Output
PIC	Performs transaction	HiPortfolio (MDA / Cognos)	Unix (c-Tree) SQL	CSV or compatible format	When required	Transaction details
Master Custodian	Perform pre and post trade compliance, send discrepancies to PIC	Unknown	Unknown	CSV or compatible format	Monthly	Exceptions

6. Unlisted Properties

Role	Process	System	Input / Interface	Format	Frequency	Output
PIC	Perform transaction	MDA – Cognos IBM Express – Stratpro – Charles River	SQL	CSV or required format	Daily	Completed transaction
Master Custodian	Perform Pre and post compliance	Unknown	Unknown	Unknown	Daily	Compliance Breaches

7. Listed Equities

Role	Process	System	Input / Interface	Format	Frequency	Output
PIC	<ul style="list-style-type: none"> • Perform transaction • Perform Pre and Post trade compliance • Execute transaction • Perform Confirmation • Send settlement instruction to Master Custodian 	Charles River	SQL	CSV or other compatibility	Daily	Completed Transaction
Master Custodian	<ul style="list-style-type: none"> • Performs settlement and safe custody • Perform Script and cash reconciliation 	Unknown	Unknown	Unknown	Daily / Monthly	Monthly report

8. Capital Markets

Role	Process	System	Input / Interface	Format	Frequency	Output
PIC	<ul style="list-style-type: none"> • Perform transaction • Perform Pre and Post trade compliance • Execute transaction • Perform Confirmation • Send settlement instruction to Master Custodian 	Charles River	SQL	CSV or other compatibility	Daily	Completed Transaction
Master Custodian	<ul style="list-style-type: none"> • Performs settlement and safe custody • Perform Script and cash reconciliation 	Unknown	Unknown	Unknown	Daily / Monthly	Monthly report

9. Money Markets

Role	Process	System	Input / Interface	Format	Frequency	Output
PIC	<ul style="list-style-type: none"> • Perform transaction • Perform Pre and Post trade compliance • Execute transaction • Perform Confirmation • Send settlement instruction to Master Custodian 	Charles River	SQL	CSV or other compatibility	Daily	Completed Transaction
Master Custodian	<ul style="list-style-type: none"> • Performs settlement and safe custody • Perform Script and cash reconciliation 	Unknown	Unknown	Unknown	Daily / Monthly	Monthly report

10. Data Feeds

System	Description
Nutron (JSE)	Bond matching system Equities is a manual process
Bloomberg	The Bloomberg Terminal is a computer system provided by Bloomberg L.P. that enables professionals in finance and other industries to access the Bloomberg Professional service through which users can monitor and analyse real-time financial market data movements and place trades on the electronic trading platform. The system also provides news, price quotes, and messaging across its proprietary secure network.
Inet	I-Net Bridge is a financial data vendor; the core business is to provide economic data, financial market data, and corporate market intelligence.
Fitch	An international credit rating agency based out of New York City and London. The company's ratings are used as a guide to investors as to which investments are most likely going to yield a return. It is based on factors such as how small an economic shift would be necessary to affect the standing of the bond, and

System	Description
	how much, and what kind of debt is held by the company.
Factset	FactSet offers access to data and analytics to analysts, portfolio managers, and investment bankers at global financial institutions. The company does not offer products for individual investors. FactSet's business focuses on technology and client service. In addition to combining disparate databases, the company also develops its software.
Custody Comms	Business Online is the South African market leader in providing electronic business banking service.