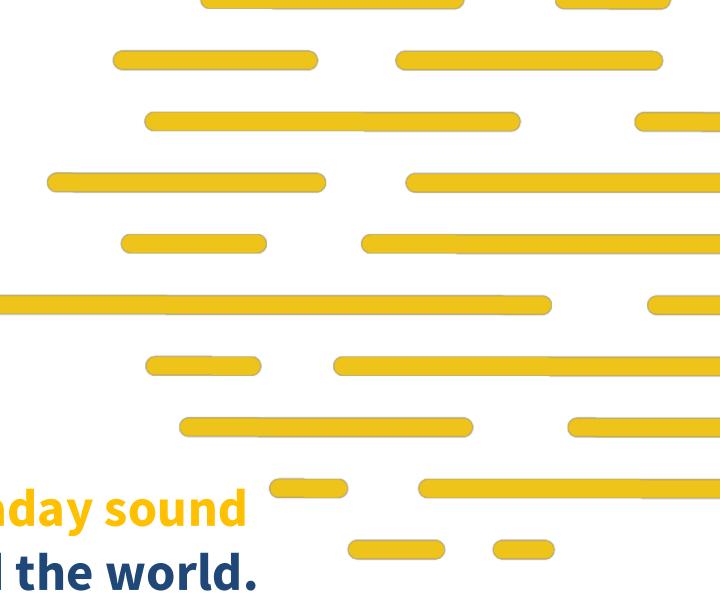


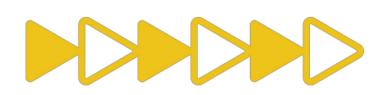
Real-time liquidity systems to deliver ECB's intraday sound practices. Real-life examples from banks around the world.



Pete McIntyre FS Director Planixs GRP Ltd pete.mcintyre@planixs.com



March 2025





- Who am I and who is Planixs?
- What's the role of data/systems in all this?
- What's hard to do?
- What does good look like?





UK-based software company

Born from Basel III IDL agenda 2013

Clients in UK, Europe, North America

Provide the Realiti[®] software suite

Real-time, high volume, broad functionality

Liberate your data to provide insights





76 ECB Sound Practices



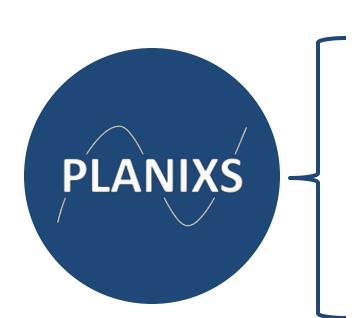
Intraday Framework

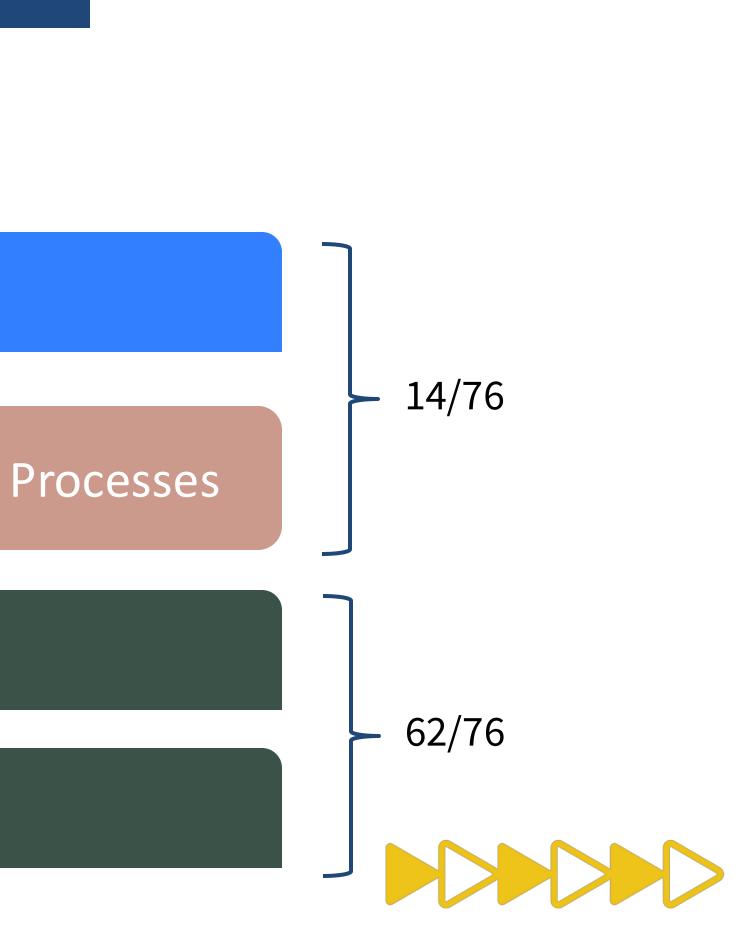


People

Data







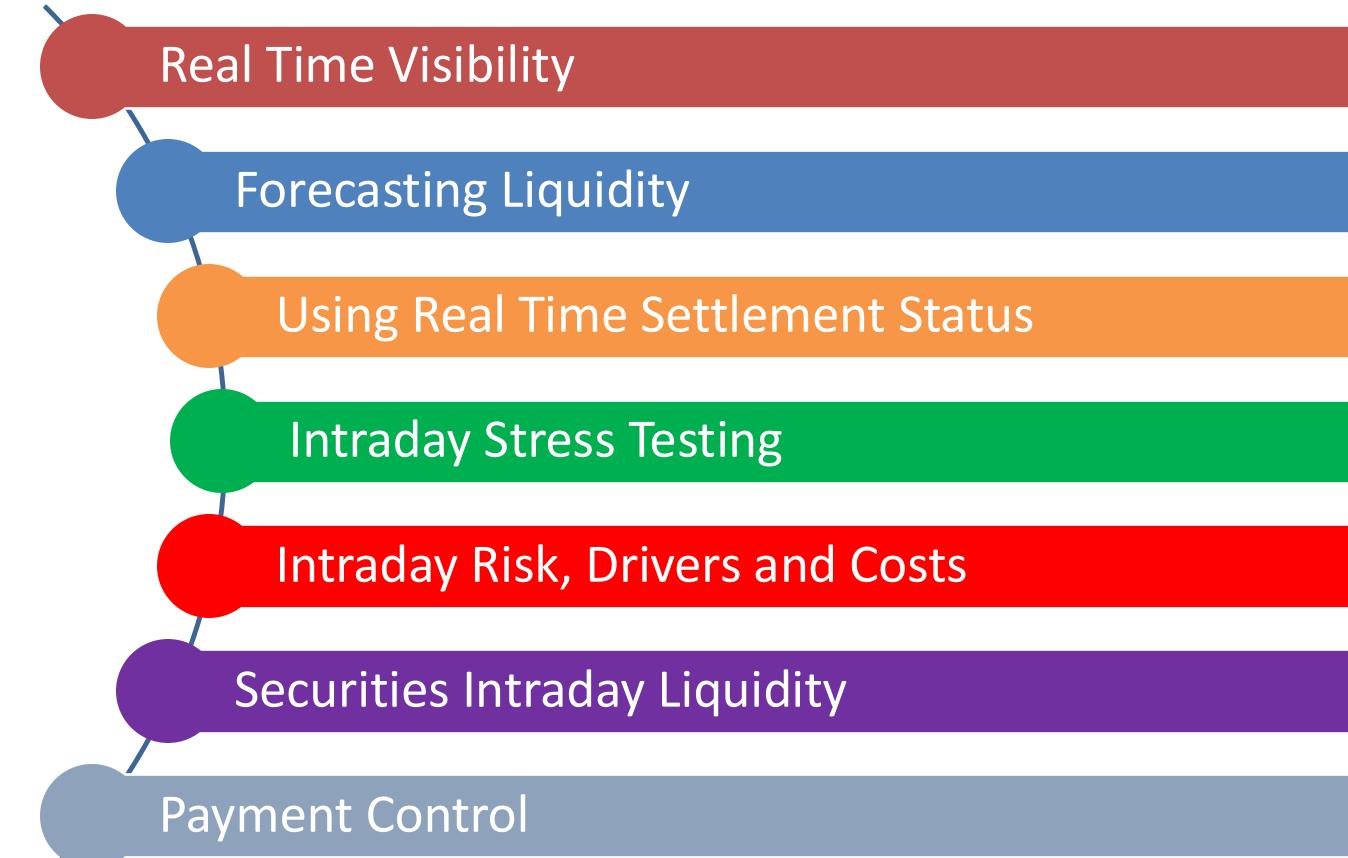
What's hard to deliver?

- Technical challenges:
 - Data volumes and performance in real time
 - Real-time reconciliation / matching
 - Single platform to manage all requirements
- Plus Vincent's points











Real Time Balance At Minute-by-Minute Detail

≡ Realiti

ŝ Intraday Balance - 22/10/2024 89 Configuration Bank Curr. Region: EMEA Timezone: Business Group: Global Bank Investment Ba 👻 Legal Entity: All of 3 Europe ~ à EUR From Date: 22/10/2024 Currency: Venue \$: Corr. Business Corr. Bank Group: Deutsche Bank AG, BNP Pa 💌 Disp. Curr: Base - EUR To Date: 22/10/2024 0 Deutsche B Group: \oslash ~ Update Reset Filters Undo Filter Change Toggle Filters Reset Zoom Export Chart Data (XLSX) - Type: Absolute _€?} 800,000,000 -600,000,000 -400,000,000 -<u> (</u> 200,000,000 í, EUR 0 -200,000,000 -Mr. Exposure -400,000,000 --600,000,000 -800,000,000 --1,000,000,000 -1.200.000.000 -1,400,000,000 -8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 ö é 0 0 00 Ċ. 4 ŝ Europe - Zero - Balance

powered I	PLANIX	S Welcome, test1	:
Scenario:	Production	✓ Last Refreshed: 17:29:	09
~	Account:	9 of 46 🗸	
Bank Europe Gml 👻	Corr. Legal Entity:	Deutsche Bank Frankfurt, E 💙	
	Intrad	day Balance - 22/10/202	4
		 Minute accou View balances Realiti hierarc currency, corr entity 	ce to view minute by nt balances s at any level. Use the thy to group accounts by respondent or bank
16:00 - 17:00 - 18:00 -	19:00 - 20:00 -	21:00 - 22:00 - 23:00 -	
14:	59: - 245,731,665.0)6 (EUR)	

Updating 'Pivots' & Transaction Views

_	Real	
_		
_	NEa	
_	1.00	

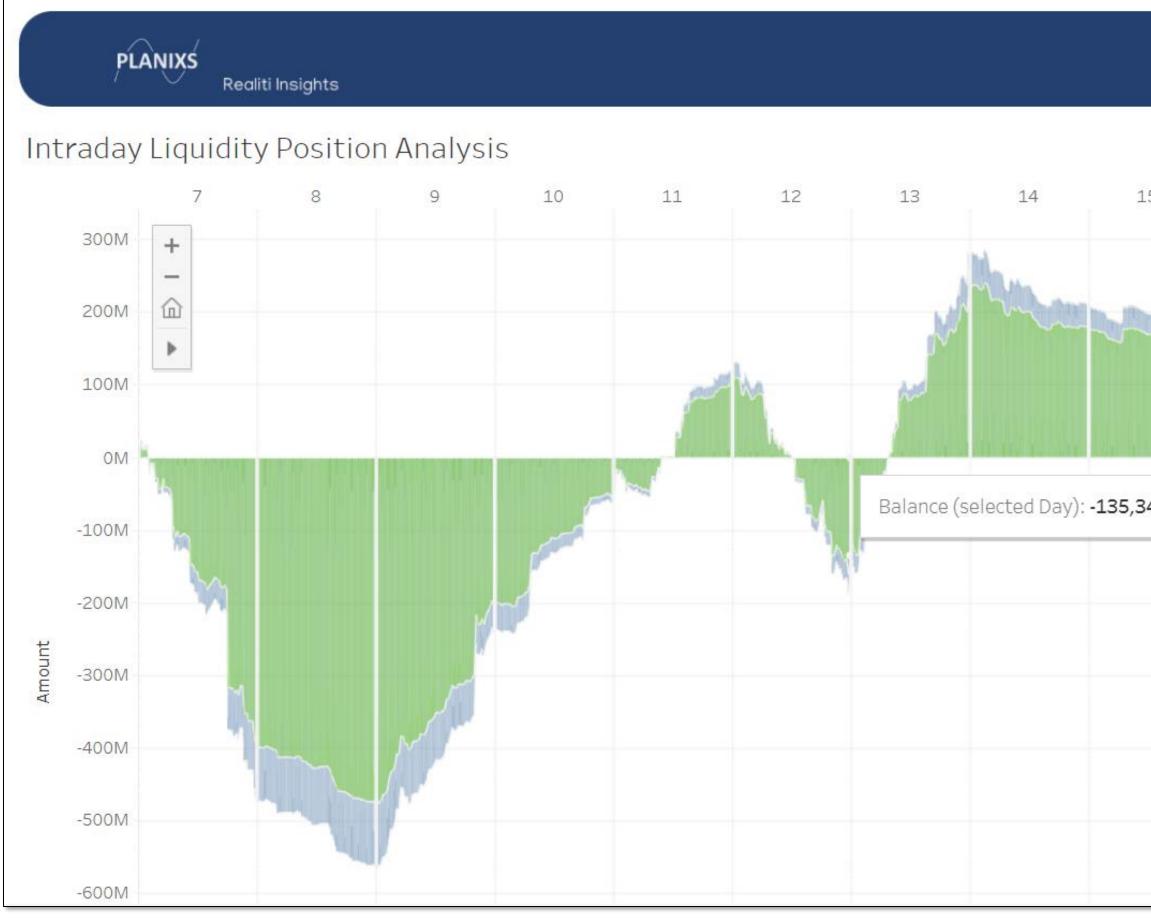


1a Simple External - 07/11/2024 Ð Configuration Bank All of 3 Global Bank Investme 🔨 Legal Entity: All of 3 Curr. Region: Business Group: à Europe \sim Timezone: All of 15 🛛 🗡 Currency: Venue 07/11/202 🛄 Date: **\$**‡ Corr. Business Corr. Bank Group: 14 of 15 16 of 17 Base - GB 💌 Disp. Curr: Group: \bigcirc Update Reset Filters Export Transactions (XLSX) Restore Saved Filters Create Sweep Undo Filter Change Toggle Filters OFF OFF ŵ Live Position ON Live Refresh 17:38 Round Values Pivot View Menu • Position As Of: Currency A Legal Entity Start Of Day (Local) Debits (Local) Credits (Local) Account Balance I. 14,420,648,988.66 🖃 EUR -635,161.50 -14,420,648,988.66 -635 🖃 Global Bank USA -820,391.53 -820, <u>€</u>---**DB GBUSA EUR1** -820,391.53 -82 Global Bank UK -999.97 -6,360,259,429.79 6,360,259,429.79 縅 DB GBUK EUR Ca... -999.97 -5,671,509,429.79 5,671,509,429.79 **DB GBUK EUR Ca...** -688,750,000.00 0.00 688,750,000.00 Global Bank Europe 186,230.00 -8,060,389,558.87 8,060,389,558.87 186, **BNP GBEUR EUR1** 0.00 -1,967,092,200.95 1,967,092,200.95 **BNP GBEUR EUR3** 0.00 DB GBEUR EUR C... 0.00 -3,911,385,813.63 3,911,385,813.63 DB GBEUR EUR C... 0.00 -475,000,000.00 475,000,000.00 DB GBEUR EUR C... 0.00 -1,706,911,544.29 1,706,911,544.29 186,230.00 **BNP GBEUR EUR2** 18 🖃 GBP 2,349,729,517.65 -3,404,646,753.19 3,404,646,753.02 2,349,729, Global Bank USA -882,127.93 -882, Barc GBUSA GBP2 -544,632.65 -54 -337,495.28 -33 Barc GBUSA GBP1 🖃 Global Bank UK 2,350,611,645.58 3,404,646,753.02 2,350,611, -3,404,646,753.19 LICRC CRUIK CRR4 0 17 2 404 646 752 10 2 404 646 752 02



powered	by PLANIXS	Welcome, test1
		Last Refreshed: 17:38:17
	✓ Account:	43 of 46 💌
	✓ Corr. Legal Entity:	19 of 20 🗸
	1a Simple Ex	ternal - 07/11/2024
		+ - Toggle Grand Total
(Local)		Pivot view
,161.50		
,391.53		Grid displays aggregates of underlying
20,391.53		transactions for a selected value date
999.97		
-999.97		•View individual balances on multiple
0.00		accounts in one place
,230.00		•Quickly 'drill' from aggregate figures to
0.00		the underlying transactions
0.00		•'Live refresh' allows the data to be
0.00		refreshed at a configurable time
0.00		interval.
0.00		• 'Position As Of' allows balances at a
36,230.00		historical point in time to be viewed
,517.48		•Users can build and save their own
,127.93		pivot views to suit various use cases
4,632.65		
37,495.28		
,645.41		▼
0.00		

Risk Management – Liquidity Look Back vs Today



	Return	
5 :	Account DB GBEUR EUR Cash 1 Selected Day 08/12/2023	
-	Comparator (Multiple values)	
42,860	Legend Selected Day Comparator	 Intraday Liquidity Position Analysis Analyse current and historical data to compare today's intraday liquidity usage for any account or accounts to previous days. Understand normal patterns of settlement and visualise deviations from norms. Use this insight as the foundation for setting limits and alerts

Alerting







End of Day Projection: Start of Day

Realiti

•



尙 2b. Ledgers to Simple - 07/11/2024 ê) Configuration Bank EMEA Global Bank Investme 🔽 Legal Entity: Global Curr. Region: Business Group: à Timezone: Europe 🛛 👻 NOK, CHF 📉 Currency: Venue 07/11/202 📑 Date: ✓ Corr. Business **\$**: Corr. Bank Group: Nordea, UBS AG Nordea Base - EU 💌 Disp. Curr: Group: \oslash Update Reset Filters Export Transactions (XLSX) Restore Saved Filters Create Sweep Undo Filter Change Toggle Filters OFF ক্ষি OFF Live Position ON Round Values 17:43 Pivot View Menu Live Refresh Position As Of: ~ Start Of Day (Local) Unsettled Dr Unsettled Cr Settled Dr Settled Cr Balance (Local Currency Account ll_Q General CHF 87,689,660 -4,158,673,160 4,173,717,440 87,689,66 -**UBS GBUK CHF2** 23,919,157 -2,265,611,492 2,370,238,092 23,919,1 **UBS GBUK CHF4** 63,770,503 -1,893,061,668 1,803,479,348 63,770,50 1,012,157,395 NOK 445,364 -1,010,898,630 445,36 Nordea GBUK NOK2 445,364 -1,010,898,630 1,012,157,395 445,36 Grand total 88,135,024 -5,169,571,789 5,185,874,835 88,135,02 -

2 powered by	PLANIXS	Welcome, test1	:
		Last Refreshed: 17:	43:03
Bank UK 🗸	Account:	3 of 46	*
a Transaction B 🔻	Corr. Legal Entity:	Nordea Oslo, UBS Zui	~
	2b. Ledgers to S	Simple - 07/11/2	024

+ - Toggle Grand Total

l)	EOD Proj (All Manual Adjs)	Unmatch	Forecasting
60	102,733,941		•Internal ledger data is aggregated to
157	128,545,757		create forecasts of the movements for
503	-25,811,817		
64	1,704,130		each account for a given value date. In
364	1,704,130		combination with a Start of Day
24	104,438,071		balance, the forecasted movements
			allow an End of Day Projection balance figure to be calculated to aid cash management. •Drill to the underlying internal in a transaction level view with the ability to view all details about each transaction.

Realiti: Forward Ladders

≡ Realiti



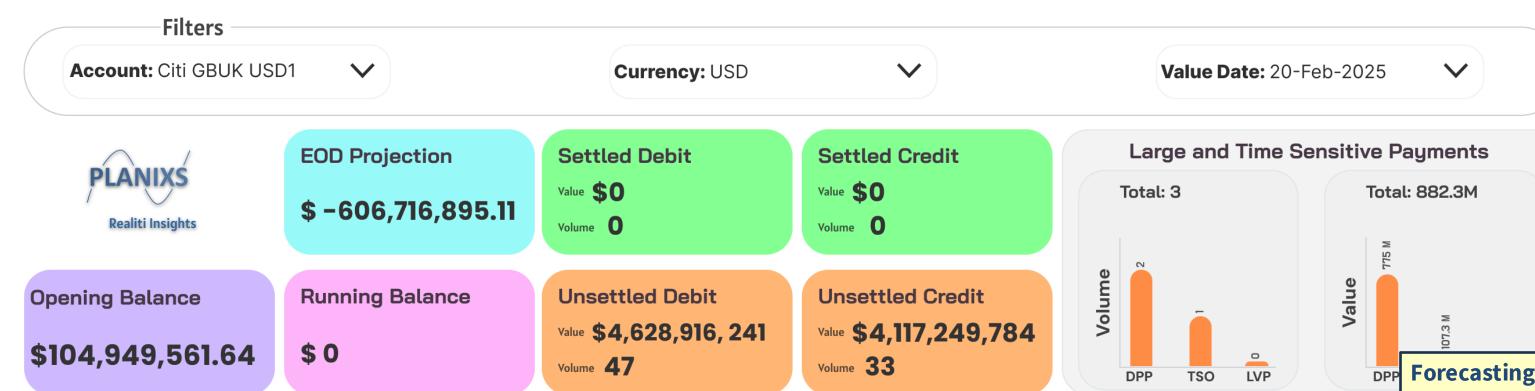
	2g. Forwa	ard Ladder -	08/11/2024						
ê?	- Configuration -				- Bank				
	Curr. Region:	EMEA 🗸	Timoropol	лс	Business Gr	oup: Global Bank	Investme 🔽 Legal	Entity: Global	Bank
Ē.	Currency:	NOK, CHF 🚩			Venue				
\$:	Disp. Curr:	Base - GB 👻	Date: 0	8/11/202 🕒	Corr. Bank G	Group: DNB Bank A	SA, UBS , 👻 Corr. E Group	DNB B	ank,
\bigcirc	Update Reset	Filters Export Trans	sactions (XLSX) 🔹 Re	estore Saved Filte	Create Sw	Undo Filter Cha	Toggle Filters		
£73	Pivot View Menu	Live Refresh	OFF Live Position		Position As Of:	14:27	Roun	d Values OFF	
	Currency	Account	Start Of Day (Local)	EOD Proj (All M	Ianual Adjs)	T+1	T+2	T+3	
liq	GHF		87,689,660.46	98,3	343,488.03	-	-	-	
œ-		UBS GBUK C	23,919,157.06	12	22,996,776.63	-	-	-	
<u> </u>		UBS GBUK C	63,770,503.40	-2	24,653,288.60	-	-	-	
а́ц,	■ NOK		-201,323.00	-48,3	367,663.00	74,733,344.00	73,101,031.14	-41,207,842.27	6
щ		DNB GBUK	0.00		6,764,054.00	17,348,632.00	14,358,138.14	11,765,353.14	
		DNB GBUK	-201,323.00	-5	55,131,717.00	57,384,712.00	58,742,893.00	-52,973,195.41	
	Grand total		87,488,337.46	49,9	975,825.03	74,733,344.00	73,101,031.14	-41,207,842.27	6

Use of Product, Desk and Book

≡ R	lealiti											j ² powe
Ĺ,	EB PDB -	09/12/202	24									
Ş	- Configuration -	· ·				Bank -						
	Curr. Region:	EMEA	~				ess Group: Globa	l Bank Investment Bank	✓ Legal Enti	ty: Glo	bal Bank UK	✓ Accou
À	Currency:	NOK, CHF	Tin	iezone:	UTC	Venue	-					
:	Disp. Curr:	Base - EUR	Da	te:	09/12/2024			ea, UBS AG	Corr. Busin Group:	No	rdea Transacti	on Bank, UBS Banking 💉 Corr. I
۵	Update Reset	Filters Export Tra	ansactions (XLSX)	Restore Save	d Filters Create	e Sweep Undo Filter Ch	Toggle Filters					
μ λ	Pivot View Menu	Live Refresh	OFF Live P	osition ON	Position As	Of: 12:55	V Rou	Ind Values				
_	Currency	Account	Product	Desk	Book	Start Of Day (Local)	Balance (Local)	Unsettled Dr	Unsettled Cr	Settled Dr	Settled Cr	EOD Proj (All Manual Adjs)
¢۵	CHF					23,919,157.06	23,919,157.06	-2,321,253,348.73	2,374,213,189.55	-	-	Product Desk and
<u>.</u>	■ NOK					445,364.06	445,364.06	-1,042,558,866.58	1,044,533,431.71	-	-	 Optionally extend
7		Nordea GBU	JK NOK2			445,364.06	445,364.06	-1,042,558,866.58	1,044,533,431.71	-	-	to include Produc
a Q			(Cashflows)		445,364.06	445,364.06	-	-	-	-	
24				nargin		-	-	-4,540,735.13	67,474,176.46	-	-	and drill through
			equities			-	-	-2,605,685.60	18,365,724.28	-	-	transactions as re
			fixed incom	e		-	-	-21,650,313.11	12,125,916.22	-	-	•Gain greater unde
			∃ fx			-	-	-675,429,973.67	518,384,394.31	-	-	of liquidity usage
				🗉 em fx		-	-	-119,905,779.26	127,668,797.85	-	-	monitor accordin
				∃ fx core		-	-	-226,069,775.31	161,550,861.80	-	-	
				∃ fx g10 f o	orwards	-	-	-186,947,523.98	109,492,128.13	-	-	-86,648,779.07
					fxgf001	-	-	-186,947,523.98	109,492,128.13	-	-	-86,648,779.07
				🗄 fx g10 m	gmt	-	-	-142,506,895.12	119,672,606.53	-	-	-22,834,288.59
			🗉 prime servi	ces		-	-	-220,242,656.84	253,497,652.55	-	-	33,254,995.71
						-	-	-31,174,542.27	24,583,982.92	-	-	-6,590,559.35
			treasury			-	-	-21,370,438.20	105,039,810.62	-	-	83,669,372.42
			x valuation	adj		-	-	-65,544,521.76	45,061,774.35	-	-	-20,482,747.41
	Grand total					24,364,521.12	24,364,521.12	-3,363,812,215.31	3,418,746,621.26	-	-	70,105,543.85

Unsettled Cr	Settled Dr	Settled Cr	EOD Proj (All Manual Adjs)
74,213,189.55 44,533,431.71 44,533,431.71 - 57,474,176.46 18,365,724.28 12,125,916.22 18,384,394.31 27,668,797.85 51,550,861.80	- - - - - - - - - - -		 Product Desk and Book Optionally extend scope of analysis to include Product, Desk and Book and drill through to the underlying transactions as required. Gain greater understanding of drivers of liquidity usage and prioritise / monitor accordingly.
09,492,128.13	-	-	-86,648,779.07
109,492,128.13	-	-	-86,648,779.07
19,672,606.53	-	-	-22,834,288.59
53,497,652.55	-	-	33,254,995.71
24,583,982.92	-	-	-6,590,559.35
05,039,810.62	-	-	83,669,372.42
45,061,774.35	-	-	-20,482,747.41
18,746,621.26	-	-	70,105,543.85

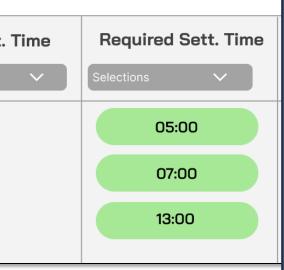
Identify time sensitive payments or large payments



Transaction Details

Transaction Ref.	Account	Counterparty	Created at	Transaction Type	Transaction Status	Avg. His. sett. T
Selections Selections SH6A4K3-34T7	Citi GBUK USD1	GB Euroclear	Selections	Selections V	Selections V Unsettled	Selections 03:51
0N554F1C-4010	Citi GBUK USD1	CLS	19-Feb-2025 11:37	TSO	Unsettled	06:31
6XZ9H129-6YJO	Citi GBUK USD1	GB BONY	18-Feb-2025 06:31	DPP	Unsettled	11:32

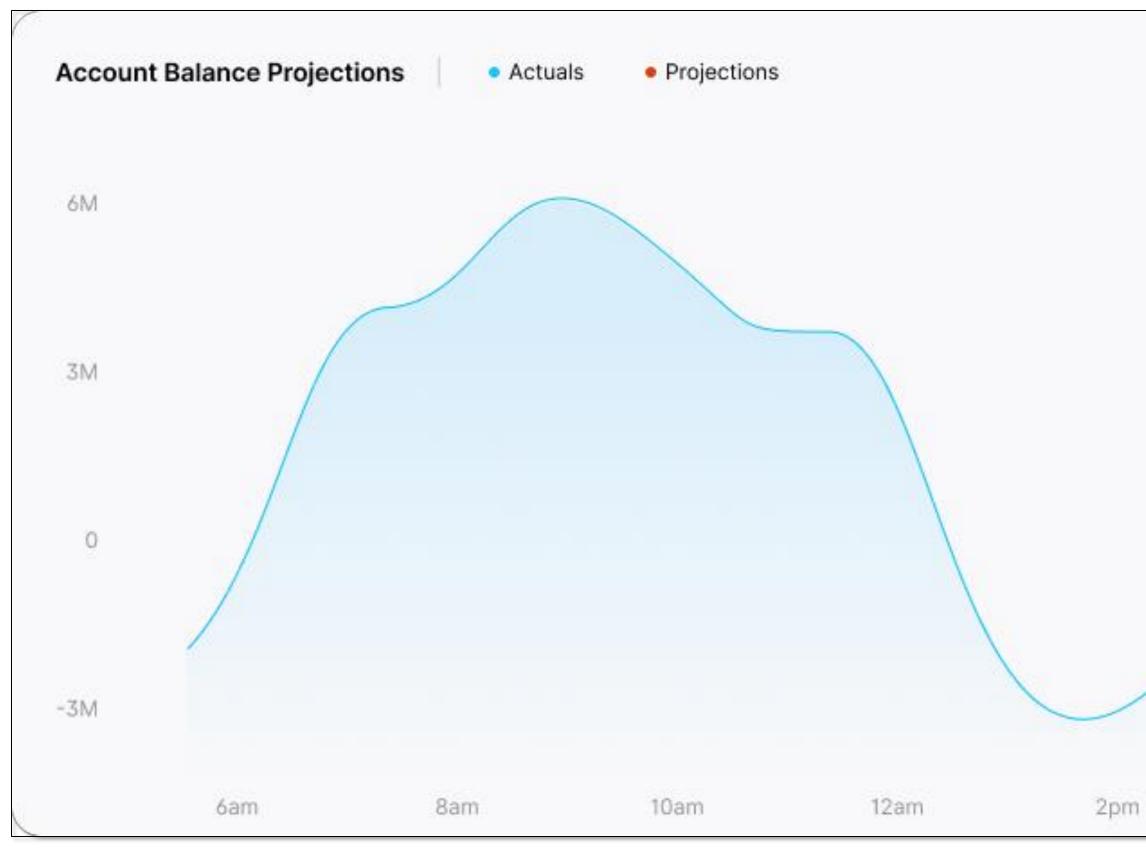




Forecasting materially important cashflows

- Dedicated dashboard aligned to ECB guidelines.
- •Forward looking view of selected day's end of day projection and associated volume and value of debits and credits.
- •Detailed view of materially important forecasted cashflows e.g. key large value payments, time sensitive payments (TSOs & discretionary priority payments)
- Included in the display is the required settlement time and average settlement time (based on history) to enable proactive management of future liquidity needs.

Predicted Intraday Balance (LNNCP)



Predicting liquidity usage

- •Dedicated dashboard aligned to ECB guidelines.
- •Utilises historical data and predictive modelling to forecast today and future dates liquidity usage profile
- •The predicted time of TSPs is highlighted along the usage graph via the green dots

4pm

6pm



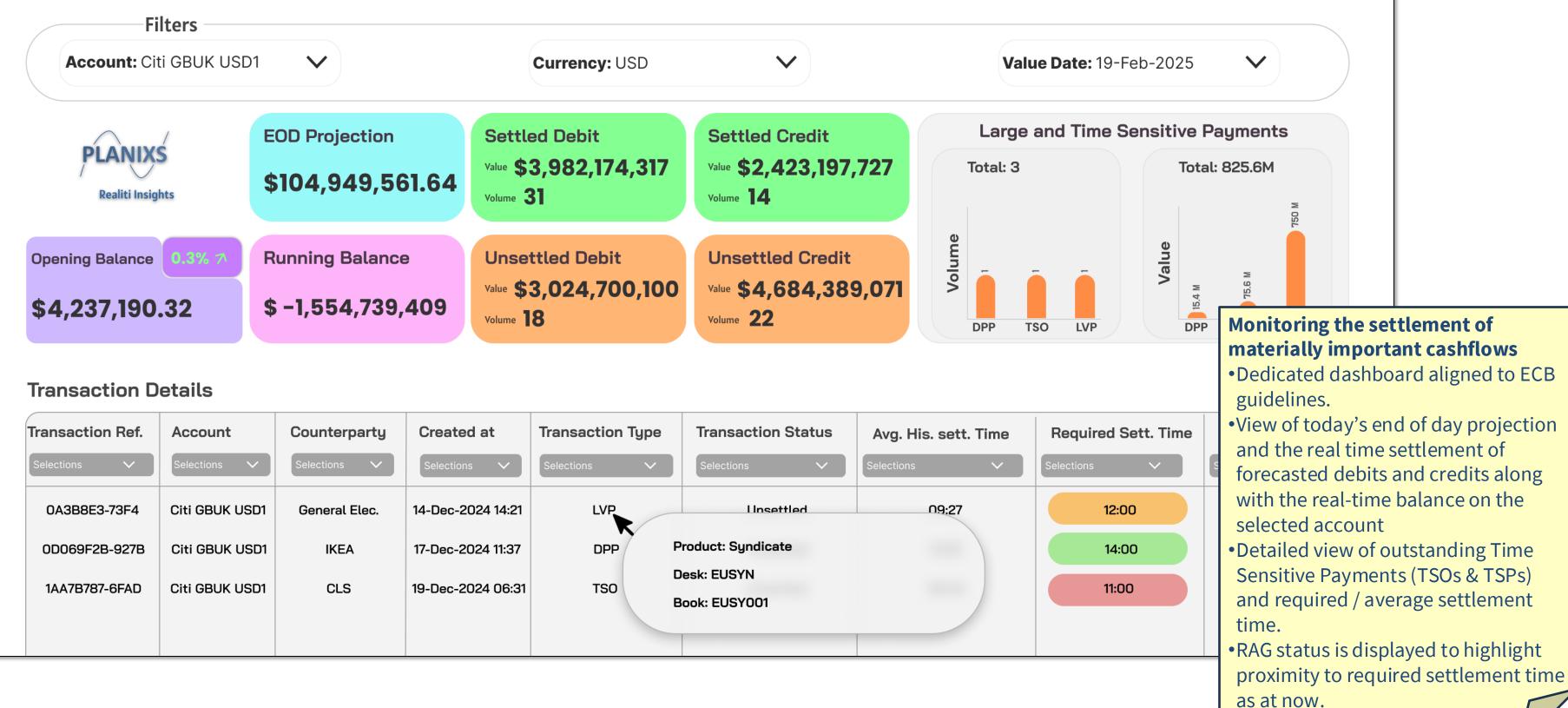




Using Real-time reconciliation: Approaching Cut Off

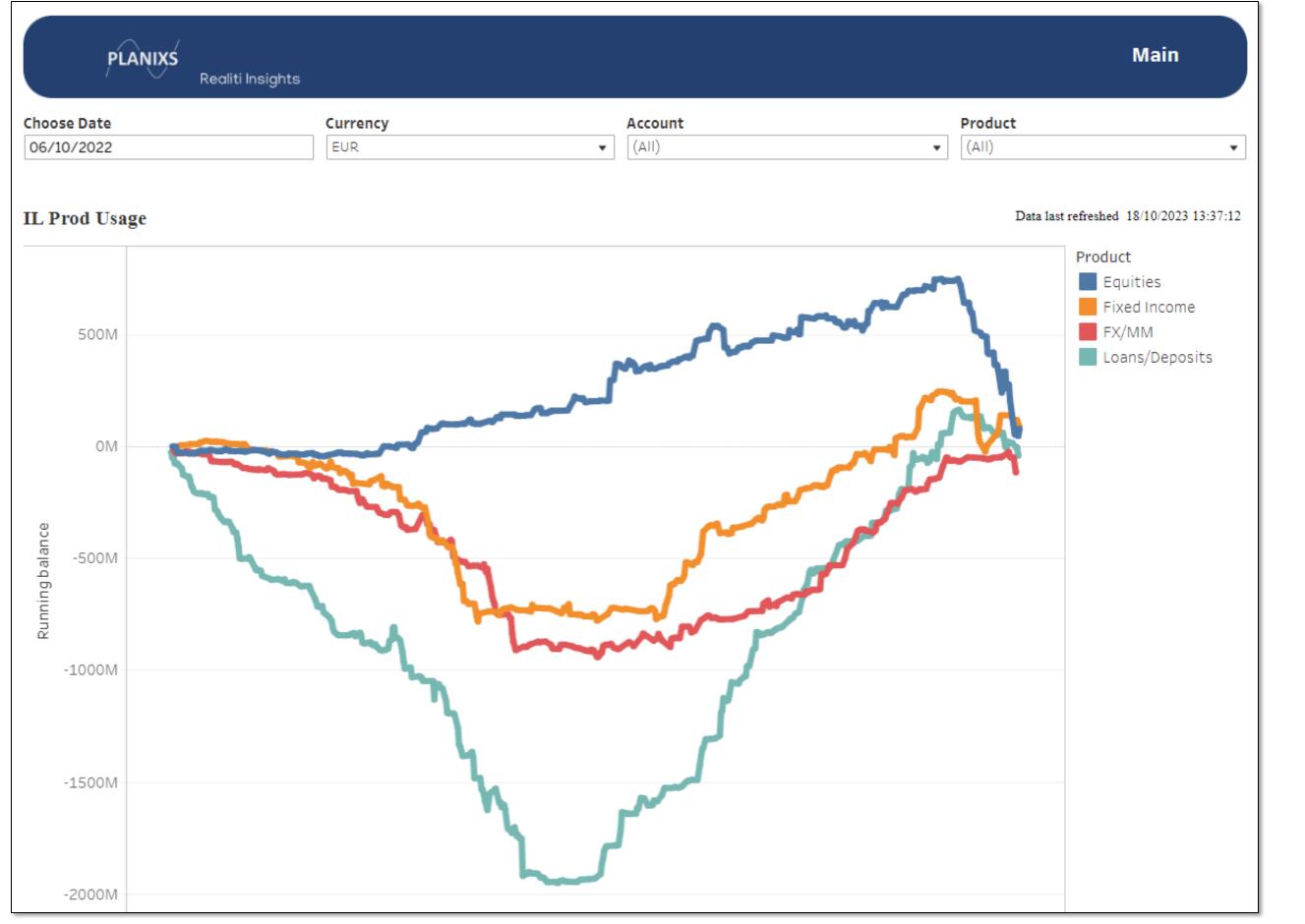
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谷	2b. Ledge	ers to Simple - 3	1/10/2024							
Ê)	- Configuration -				- Bank					
	Curr. Region:	EMEA 👻			Business Group:	Global Bank Inve	stment Ba 🔻 Lega	al Entity: G	lobal Bank UK 🗸 🗸	
à	Currency:	NOK, CHF 🛛 👻	mezone: UTC		Venue					
\$:	Disp. Curr:	Base - EUR 💙	ate: 31/1	.0/2024 🖻	Corr. Bank Grou	p: Nordea, UBS AG	Corr. Grou	. Business N	ordea Transaction Bank, l 💌	
\oslash	Update Reset	Filters Export Transactions	(XI SX)	aved Filters Cre	ate Sweep Undo I	Filter Change Toggle	Filters			
								OFF		
£€33	Pivot View Menu · Currency	Live Refresh OFF Account	Start Of Day (Local)	Position Unsettled Dr	As Of: 11:15 Unsettled Cr	Settled Dr	Round Values Settled Cr	Balance (Local)	EOD Proj (All Manual Adjs)	
lę,		Account	886,499		210,548,063	-4,081,417,573	3,865,348,563			
		UBS GBUK CHF2	452,295		176,333,461	-2,082,355,905	2,012,287,266			
		UBS GBUK CHF4	434,203	-	34,214,601	-1,999,061,669	1,853,061,297	23,873,833	-111,351,566	
il de la companya de la compa	■ NOK		1,188,954	-	81,157,236	-1,235,667,501	1,237,422,061	2,943,515	84,100,751	
ш		Nordea GBUK NOK2	1,188,954	-	81,157,236	-1,235,667,501	1,237,422,061	2,943,515	84,100,751	
	Grand total		2,075,454	-	291,705,299	-5,317,085,074	5,102,770,625	51,477,591	 Real time reconcil Intraday Reconcili 	
									linkage between p	
									and actual cashflo	
									 Intraday Reconcilia 	
									enables much mor	· · · · · · · · · · · · · · · · · · ·
									of the progress of s •Enhance the bank ²	
									by highlighting exc	
									the day for investig	

Current Day Time Specific Payment Monitoring



Transaction Ref.	Account	Counterparty	Created at	Transaction Type	Transaction Status	Avg. His. sett. Ti
Selections 🗸	Selections 🗸	Selections 🗸	Selections 🗸	Selections 🗸	Selections V	Selections
0A3B8E3-73F4	Citi GBUK USD1	General Elec.	14-Dec-2024 14:21	LVP	Unsettled	09:27
0D069F2B-927B	Citi GBUK USD1	IKEA	17-Dec-2024 11:37	0	Product: Syndicate Desk: EUSYN	
1AA7B787-6FAD	Citi GBUK USD1	CLS	19-Dec-2024 06:31	TSO	Book: EUSY001	

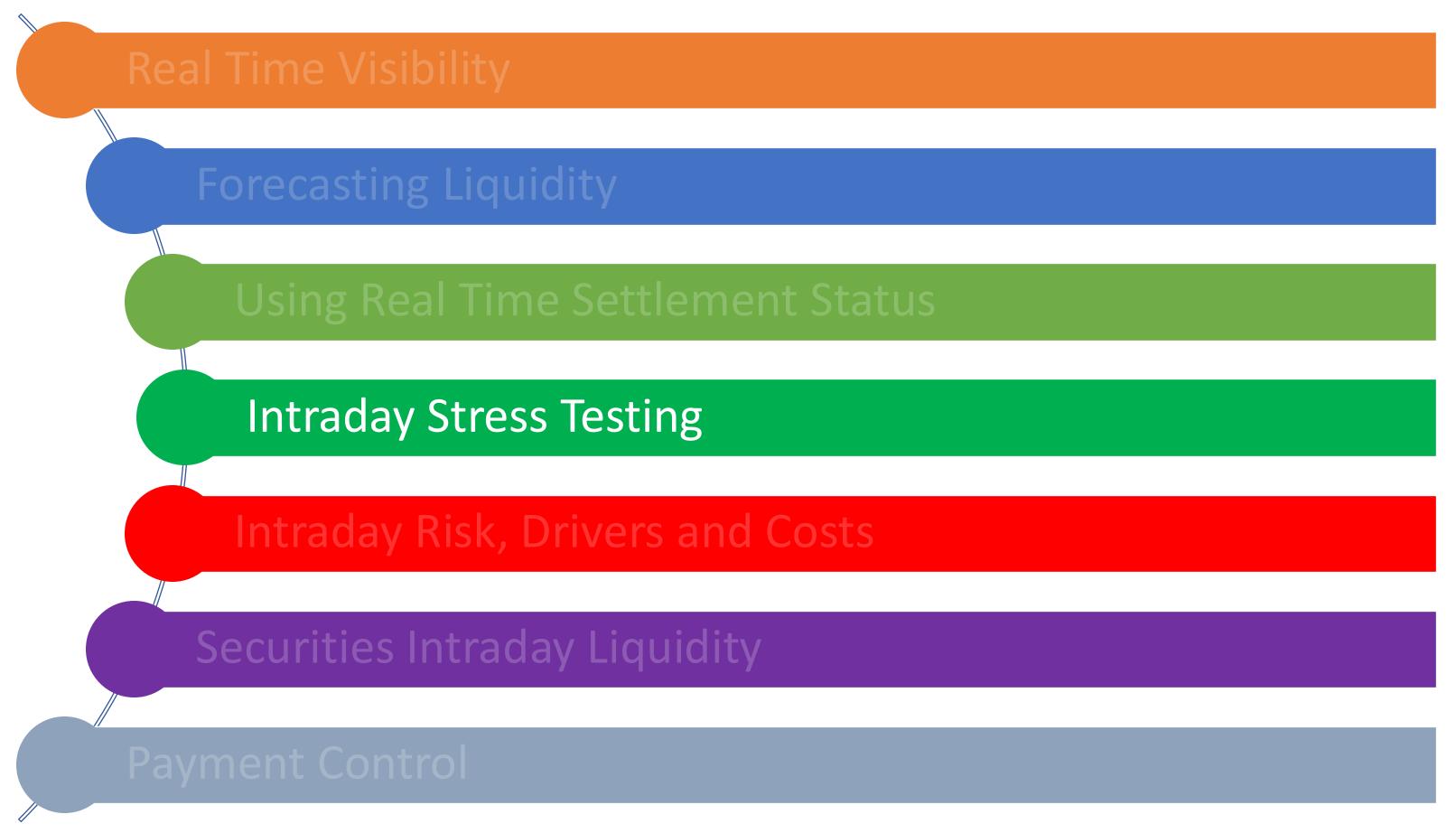
Intraday Usage by Product / Segment / Counterparty etc



Liquidity Analysis

- •Analyse intraday usage broken down by multiple attributes e.g. product, segment, counterparty
- •Analysis can be for single account or multiple accounts/currencies
- Insight can be used for various purposes e.g. FTP for intraday costs







Stress Testing – Factoring in Delays to Inflows



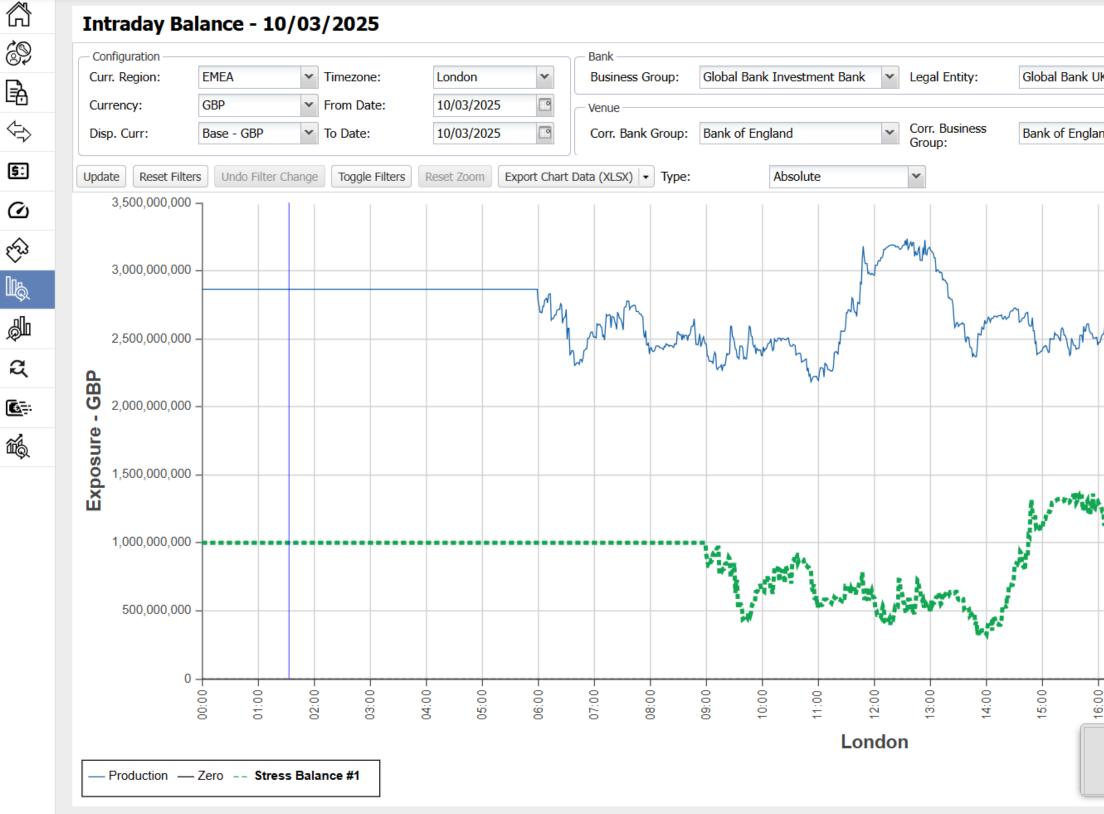
Stress Testing – Impact of Balance Reduction



Stress Testing – Managing outflows

Realiti

Intraday Balance - 10/03/2025





powered by PLAN	IIXS Welcome, test1
Scenario: Delay all DR b	y 180 mins 🔽 Last Refreshed: 16:12:49
UK Account:	BOE GBGBP GBP1
land V Corr. Legal Entity:	Bank of England
Int	traday Balance - 10/03/2025
	 Stress Testing - Managing outflows Understand how proactively delaying outflows could mitigate delays to inflows Ability to understand any impacts on TSPs via drill down to underlying data. Understand wider market impact by viewing throughput data
01:30: 2,865,400,028.86 (GBP):	00:00 (GBP)

Stress Testing – Contractual Flows maintained

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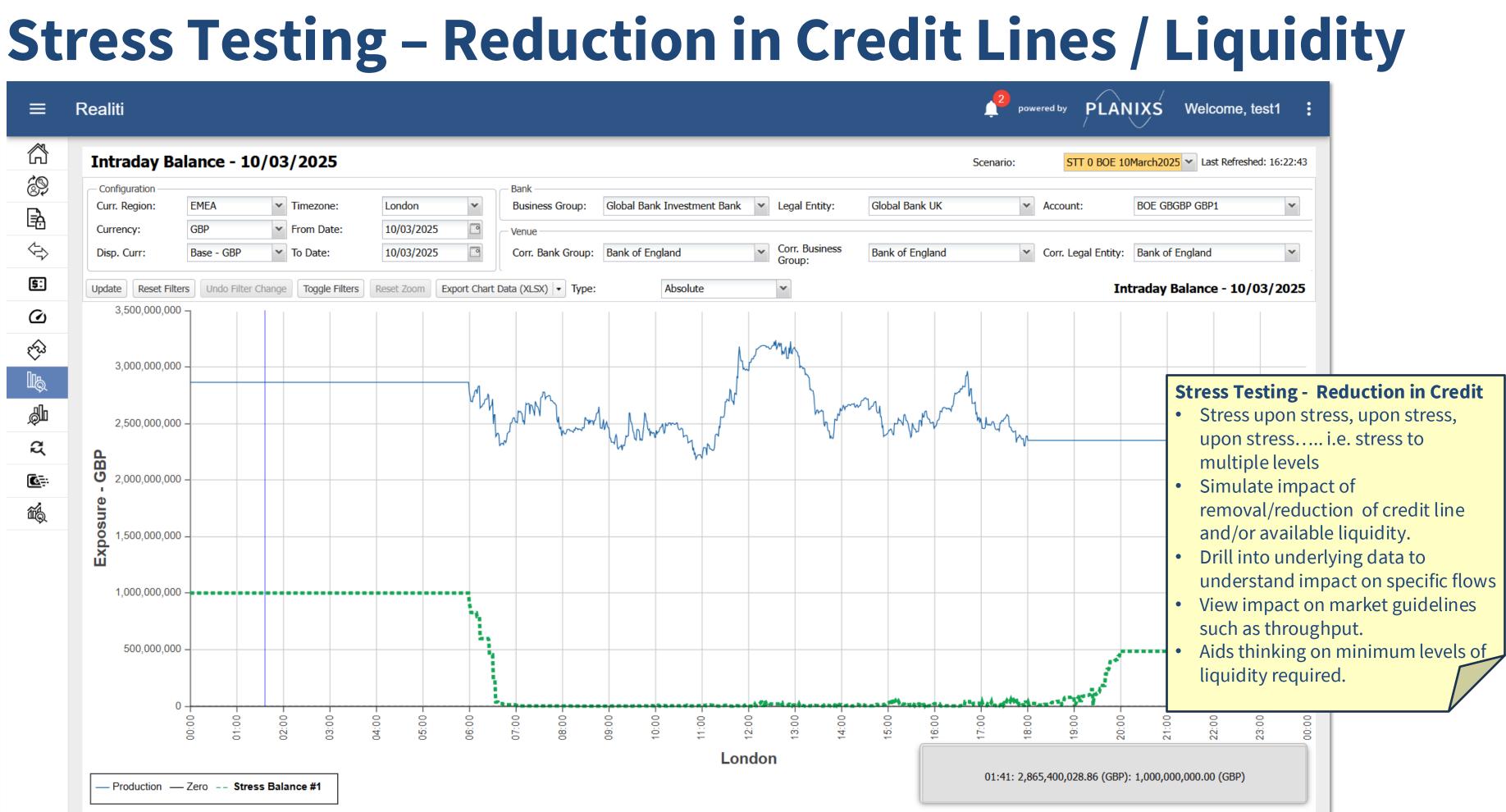
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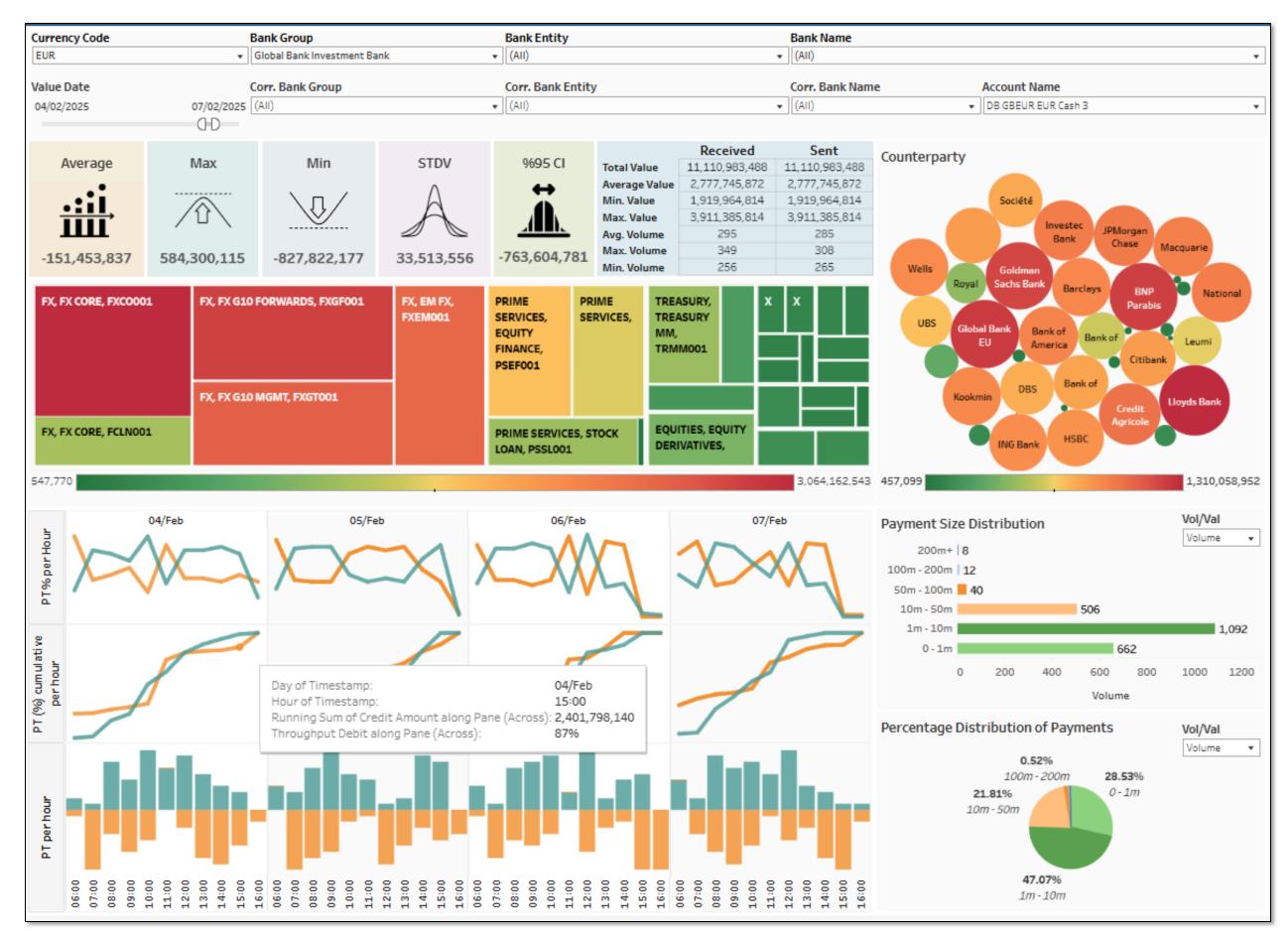








Intraday Risk Drivers



Liquidity Risk, Drivers and Trends

- •Dashboard tailored to intraday management enabling granular and regular reporting as well as for governance committees
- •Metrics aligned to BCBS248
- •Analyse key intraday drivers, usage and risks by multiple attributes e.g. product, segment, counterparty etc
- •Analysis can be at any level across the banking hierarchy and drill through available
- Insight can be used understand trends as well as create Early Warning Indicators





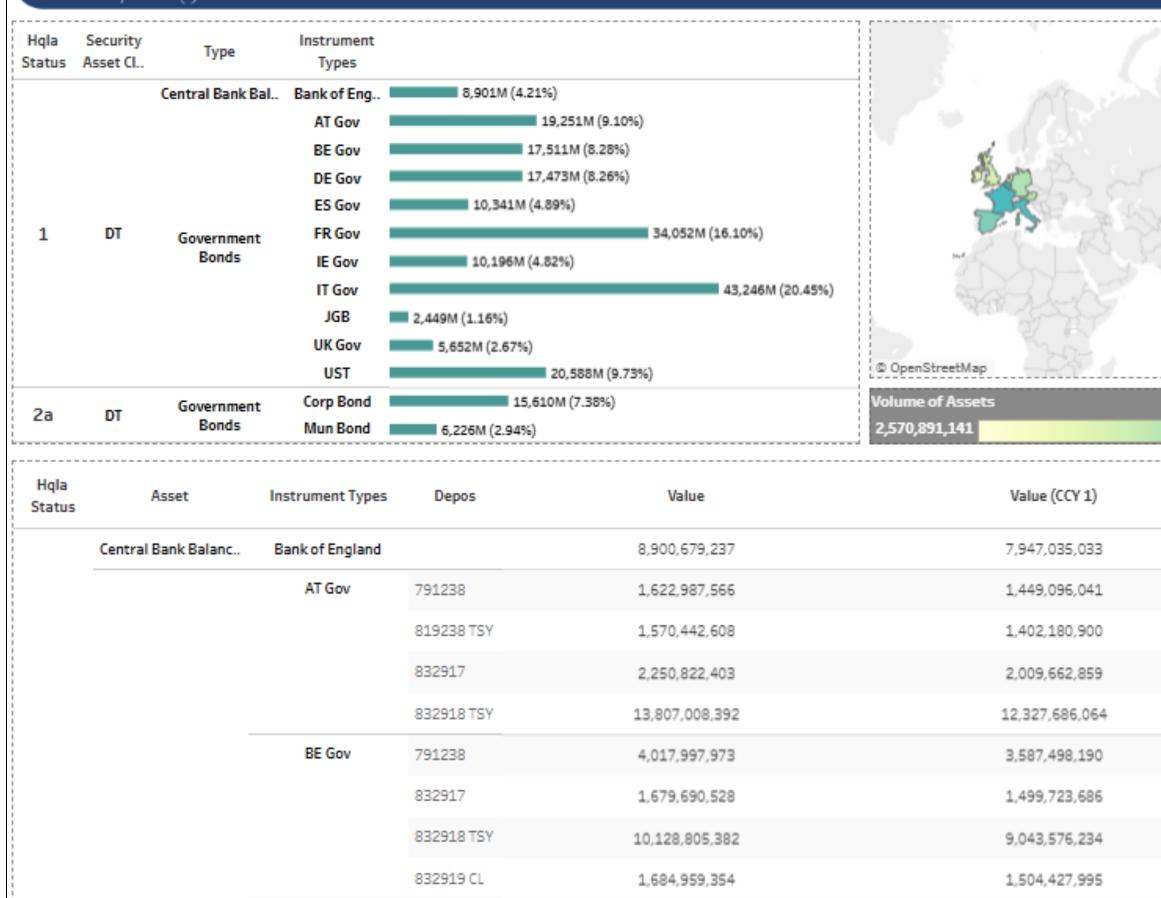
Securities Inventory View

≡	Realiti						
(7) (8)	Inventory 🔌						
₽	UPDATE Date 07/03/2	025 👻					
 	The Drag here to set ro	ow groups					
\$: (~)	Attributes			Aggregations			
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	Depot Label	Security ID	Security Label	SOD Qty	SOD Value	SOD Haircut Value	
I.	<b>▽</b>	<b>7</b>	<b>v</b>	<b>7</b>	V	<b>v</b>	
<u>بالچ</u>	884632 TSY	US912810TR95	United States of Am	319,716,230	221,738,675.65	188,477,874.30	
a E	884632 TSY	US91282CGZ86	United States of Am	234,840,576	178,024,307.61	164,672,484.54	
<b>e</b> : K	884632 TSY	US91282CHJ36	United States of Am	301,690,615	233,566,927.74	216,049,408.16	
щод	884632 TSY	US91282CHT18	United States of Am	307,233,853	237,858,466.84	214,072,620.15	
	884632 TSY	US91282CHU80	United States of Am	258,742,870	206,576,968.79	185,919,271.91	
	832919 CL	DE0001030757	Federal Republic of	168,423,192	121,020,212.96	102,867,181.02	
	832919 CL	NL0015001AM2	Kingdom of Netherl	114,077,005	96,137,475.99	88,927,165.29	
	832919 CL	FR0010070060	French Republic	96,448,836	96,682,179.96	87,013,961.96	
	832919 CL	US912797GE19	United States of Am	88,204,971	69,710,380.31	66,224,861.29	
	832919 CL	DE0001030583	Federal Republic of	101,675,766	88,392,319.15	81,762,895.22	
	832919 CL	FR0000571218	French Republic	68,650,226	68,207,321.32	63,091,772.22	
	832919 CL	NL0011220108	Kingdom of Netherl	155,932,350	130,027,459.60	123,526,086.62	
	832919 CL	IT0005547408	Republic of Italy	87,822,521	77,128,004.33	73,271,604.11	
	022040 CI	ED0011C1040C	Encode Densulation	02 272 002	01 01 4 7 70 04	77 040 002 05	

	powered by PLANIX	XS Welcome, test1
		dated: 12:12:20, 12/03/2025
Total Qty	Total Value	Total Haircut Value
315,783,991	219,011,477.63	Securities as a source of liquidity
229,779,584	174,187,749.16	<ul> <li>Cash liquidity is just part of the picture</li> </ul>
296,692,755	229,697,616.77	•Real-time monitoring of securities at
303,303,403	234,815,537.81	depot accounts to understand
261,955,120	209,141,587.74	positions, cash-equivalent value pre and post haircut.
188,490,641	135,439,646.07	•Aid decisions such as "What have we
113,077,137	95,294,845.29	got", "Where is it", "What is it worth"
96,454,595	96,687,952.89	and "Can it be used".
82,604,311	65,284,052.24	62,019,849.63
87,961,144	76,469,446.15	70,734,237.69
64,695,331	64,277,941.77	59,457,096.14
140,460,716	117,126,113.18	111,269,807.52
114,833,338	100,849,600.87	95,807,120.83
CC 373 400	F0 200 0 44 4C	

## **Monitoring ALL liquidity sources**

PLANIXS Realiti Insights



	Hqla Status
	(AII)
	Instrument Type
	(All)
n Vater	Depo
Sent A	(Multiple values)
Section and	
Stan In	Duration
A CONTRACTOR	(AII) •
No. A. S. Martin	Display Currency 1:
and the second second	CHF *
	Display Currency 2:
	8 PI *
34,343,191,890	Cash & securities liquidity in a single
34,343,191,890	Cash & securities liquidity in a single
	view
34,343,191,890 Value ((	<b>view</b> • Real time analysis of firm wide
	<ul> <li>view</li> <li>Real time analysis of firm wide liquidity position across cash and</li> </ul>
Value (( 31,754,7	<ul> <li>view</li> <li>Real time analysis of firm wide liquidity position across cash and securities in a single view.</li> </ul>
Value ((	<ul> <li>view</li> <li>Real time analysis of firm wide liquidity position across cash and securities in a single view.</li> <li>Total HQLA view including</li> </ul>
Value (( 31,754,7	<ul> <li>view</li> <li>Real time analysis of firm wide liquidity position across cash and securities in a single view.</li> <li>Total HQLA view including composition of levels and their</li> </ul>
Value ( 31,754,7 5,790,3 5,602,8	<ul> <li>view</li> <li>Real time analysis of firm wide liquidity position across cash and securities in a single view.</li> <li>Total HQLA view including composition of levels and their location.</li> </ul>
Value ( 31,754,7 5,790,3	<ul> <li>view</li> <li>Real time analysis of firm wide liquidity position across cash and securities in a single view.</li> <li>Total HQLA view including composition of levels and their location.</li> <li>Real time insight enables decision</li> </ul>
Value ( 31,754,7 5,790,3 5,602,8	<ul> <li>view</li> <li>Real time analysis of firm wide liquidity position across cash and securities in a single view.</li> <li>Total HQLA view including composition of levels and their location.</li> <li>Real time insight enables decision making e.g., mobilization of assets</li> </ul>
Value ( 31,754,7 5,790,3 5,602,8 8,030,2	<ul> <li>view</li> <li>Real time analysis of firm wide liquidity position across cash and securities in a single view.</li> <li>Total HQLA view including composition of levels and their location.</li> <li>Real time insight enables decision</li> </ul>
Value ( 31,754,7 5,790,3 5,602,8 8,030,2 49,259,0 14,334,9	<ul> <li>view</li> <li>Real time analysis of firm wide liquidity position across cash and securities in a single view.</li> <li>Total HQLA view including composition of levels and their location.</li> <li>Real time insight enables decision making e.g., mobilization of assets between locations / time zones</li> </ul>
Value ( 31,754,7 5,790,3 5,602,8 8,030,2 49,259,0	<ul> <li>view</li> <li>Real time analysis of firm wide liquidity position across cash and securities in a single view.</li> <li>Total HQLA view including composition of levels and their location.</li> <li>Real time insight enables decision making e.g., mobilization of assets between locations / time zones</li> </ul>
Value ( 31,754,7 5,790,3 5,602,8 8,030,2 49,259,0 14,334,9	<ul> <li>view</li> <li>Real time analysis of firm wide liquidity position across cash and securities in a single view.</li> <li>Total HQLA view including composition of levels and their location.</li> <li>Real time insight enables decision making e.g., mobilization of assets between locations / time zones</li> </ul>

6,011,400,008





### Payment Control Liquidity Group

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Realiti				Depresent powered by PLANI	XS Welcome, test1 :
× BARCLAYS GBP 01					VIEW HISTORY Synced
DETAILS ACCOUNTS					
BARCLAYS GBP 01					
Required field			— Timezone —		
GBP		•	London		▼
Required field  Start of Business			Required field		Liquidity groups
08:30 AM			04:00 PM		• Group together one or more accounts which share a credit facility
Required field Frequency of Checks			Required field Balance Threshold ————————————————————————————————————		•Define periods when throttling begins
15 mins		•	-100000000		<ul><li>and is lifted.</li><li>Define liquidity usage thresholds used</li></ul>
Required field ID 9e295dae-2ed7-4429-98c5-abcc4a338fcb	Status Active		Created 18/03/2024, 10:43:37	Modified 28/11/2024, 14:25:18	by the automated liquidity checker to manage payments.
SAVE					

### Impact of Payment Control Rules

#### ≡ Realiti

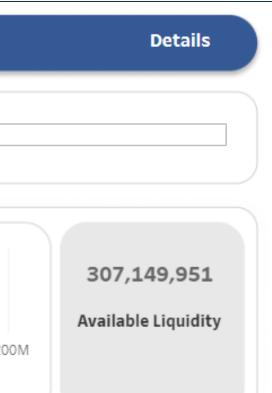
orws selected     REL	EASE						
Liquidity Group	Date V	Amount	↓ Checks	Released at	Resume From	Current Status	Release Priority Class
Y	2025-01-23	<b>γ γ</b>	<b>γ</b>	Ŷ	Ŷ	<b>v</b> 7	γ
BARC GBUK GBP 01	2025-01-23	-33,000,011.00	11	11:00 am	11:00 am	Released	5(
BARC GBUK GBP 01	2025-01-23	-215,000,016.00	11		04:00 pm	Paused	50
BARC GBUK GBP 01	2025-01-23	-20,000,009.00	9	10:30 am		Released	8
BARC GBUK GBP 01	2025-01-23	-50,000,008.00	9	10:30 am		Released	8
BARC GBUK GBP 01	2025-01-23	-33,000,025.00	6	09:45 am		Released	50
BARC GBUK GBP 01	2025-01-23	-25,000,024.00	6	09:45 am		Released	50
BARC GBUK GBP 01	2025-01-23	-50,000,022.00	1	08:30 am		Released	1
BARC GBUK GBP 01	2025-01-23	-10,000,019.00	1	08:30 am		Released	50
BARC GBUK GBP 01	2025-01-23	-20,000,020.00	1	08:30 am		Released	50
BARC GBUK GBP 01	2025-01-23	-5,505,021.00	1	08:30 am		Released	50
BARC GBUK GBP 01	2025-01-23	-25,000,015.00	1	08:30 am		Released	50
BARC GBUK GBP 01	2025-01-23	-60,000,012.00	1	08:30 am		Released	50
BARC GBUK GBP 01	2025-01-23	-20,000,023.00	1	08:30 am		Released	1!
BARC GBUK GBP 01	2025-01-23	-60,000,018.00	1	08:30 am		Released	50
BARC GBUK GBP 01	2025-01-23	-20,000,010.00	1	08:30 am		Released	50
BARC GBUK GBP 01	2025-01-23	-33,000,017.00	1	08:30 am		Released	50
BARC GBUK GBP 01	2025-01-23	-3,600,026.00	1	08:30 am		Released	50

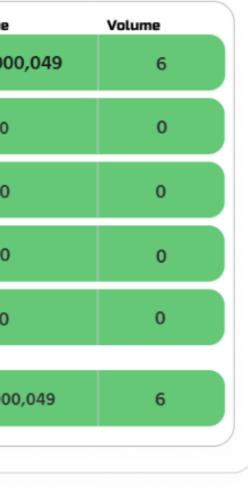
	powered by	PLAN	uxś	Welco	me, test1	:	
	Last refreshed: 23/01/2025	5, 11:12:0	9	EMERGE	ENCY STOP		1
						*	
ass	Description	Rule					
7					$\nabla$	E Column	
50	Sufficient liquidity - with thresh	Pause	e Payme	ent 11am	Z	sut	
50	Awaiting 'Resume from' time	Requi	ires Ma	nual Rele.		7	
85	Sufficient liquidity - with thresh	Chan	ge Prio	rity Low		Filters	
85	Sufficient liquidity - with thresh	Chan		rity Low			
50	Sufficient liquidity - with thresh				i <b>t Que</b> le payi		nt queue and the
50	Sufficient liquidity - with thresh						ient control decisio
15	Sufficient liquidity - with thresh	Chan		Ŭ			s taken place
50	Sufficient liquidity - with thresh						prioritise paymen [.] ients, pause
50	Sufficient liquidity - with thresh					-	diately release
50	Sufficient liquidity - with thresh		-			-	payments in a man
50 50	Sufficient liquidity - with thresh Sufficient liquidity - with thresh		re	lease	queue	ē	
15	Sufficient liquidity - with thresh	Chan	ge Prio	rity High	[7]		
50	Sufficient liquidity - with thresh	Chang	genno	nty riigii	Ĺ		
50	Sufficient liquidity - with thresh						
50	Sufficient liquidity - with thresh						
50	Sufficient liquidity - with thresh						

1 to 17 of 23 K < Page 1 of 2 > >I

#### **Payment Control**

(AII)	•	Liquidity Group N BARCLAYS GBP 01	ame	•	Date 12/4/2
Liquidity Gro	up Information				
Name: BARCLAYS G	BP 01		Threshold Ut	ilization	
Currency: GBP					
Start of Business: 0	08:00	0M 200M	400M 600M	800M	1000M
End of Business: 16	:00	C.	urrent Balance	Balance Th	reshold
Queued			Rele	ased	
Payments					
			Payn	nents	
	Value	Volume		iate Release	
Pending	Value -435,105,269	Volume 15	Immed		
			Immed	iate Release eleased	
Pending	-435,105,269	15	Immed Auto R	iate Release eleased l	
Pending Held	-435,105,269 0	15 0	Immed Auto R Manua	iate Release eleased l	





#### **Payment Dashboard**

- Summary view of Payment Control processing, for both queued and released payments and their reason.
- •Insight into the amount of currently available liquidity versus the defined usage threshold.