



9th of February 2022

T24 – Induction training “Overview”

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Learning objectives

- Understand the functionality T24 offers
- Understand the model bank and it's meaning
- Explanation of the contents of T24
- SMS (= “Security management system”) in T24 => understanding the definition of access rights in T24
- Very important basic tables in T24 (= “Core tables”)

- 01 Bank functionalities covered in the T24**
- 02 Concept of T24 Model bank and important components
- 03 SMS (Security management system)
- 04 Core tables in T24



Benefits of T24

Rich functional features, integrated, real time, multi currencies and flexible

- 1 Comprehensive integrated modules with rich functional features
- 2 Real time updates
- 3 Multi-currencies
- 4 Core modules with choice of optional modules
- 5 Flexible Banking Platform offering various implementation options

Comprehensive integrated modules with rich functional features

If an activity in T24 is performed, a lot of other parametrized information will be checked and the data may get enriched. For this a lot of modules in T24 work together.

This shall be illustrated via the example of the authorization of a securities trade – the screenshots are shown at the next slide.

When a security trade gets authorized, the following things happen automatically in addition:

- Automatic calculation of the charges and tax
- For a security purchase: Check of the attached limit for the settlement account
- Generation of the accounting entries
- Generation of the messages for all the parties in the security trade – customer, depository and broker

All this the RM can check directly from the authorization screen

Comprehensive integrated modules with rich functional features

Involved T24 modules at the authorization of a securities trade:

CUSTOMER, ACCOUNT, TAX, LIMIT, DELIVERY, ACCOUNTING

The screenshot displays the T24 'Direct securities trade input' screen for transaction SCTRSC21105CJBZY. The interface is divided into several sections:

- Accounting entries:** A table at the top right showing transaction details with columns for Date, Account, Customer, Currency, FCY Amount, and LCY Amount. It lists three entries for 15 APR 2021 involving accounts 10041, 100297, and 100297.
- Customer advice:** A section on the right providing contact information for Mr Robert Branson at 120 CAMPDEN HILL ROAD, KENSINGTON LONDON, W8 7AR, UNITED KINGDOM. It also includes the Contract Ref (SCTRSC21105CJBZY) and Internal Ref (D20210428106141677302).
- Details of the trade:** A central section containing trade metadata such as Security number (100041-000), Stock exchange (NYSE), Trade currency (USD), and Trade date (15 APR 2021). It also includes settlement and maturity dates.
- SWIFT-message for The depository:** A section at the bottom right displaying a SWIFT message in MT400 format, including fields like :90B::DEAL//ACTU/USD10,981, :35B::ISIN US45253H1014, and :16R::SETT//UNIT/500,.

Annotations with red arrows point from the 'More Actions' dropdown menu to each of these four sections, indicating their integration into the trade authorization process.

Multi-currencies

If an activity in T24 is performed in a specific currency, linked components can be in different currencies. The amounts will be calculated based on the different currency exchange rates:

Sample: A loan disbursement of 100.000 USD. The settlement account is in EUR and the limit for the loan is 200.000 CHF

To check the respective amounts, view the marked fields in the screenshot of the loan created.

The screenshots of the attached settlement account and limit you find in the next slide

118648 USD - Personal Loan Overview

Arrangement	AA211059LMLL	Account	118648 - USD
Product	Personal Loan	Arrangement Date	15 APR 2021
Beneficial Owner	Airbourne Freight	Status	Current

Links to other Arrangements

AA2110515BWL	Current Account	Settlement account for the loan
AA2110515BWL	Current Account	

Arrangement Conditions

Account Static

Title	Personal Loan
-------	---------------

Commitment

Amount	100,000.00	Term
--------	------------	------

APR Details

Rate	2.87058%	Type	APR (for Principal Interest)	Source	Interest
------	----------	------	------------------------------	--------	----------

Penalty Interest

Single Rate	Variable	5% (Loan Base Rate + 3.50%)
Principal Interest	Periodic	2.8335% (USD Disc Rates + 0.25%)

Schedule

Disburse Percentage	Account	100%	Payment	On the Start Date
Constant Repayment	Account	1,789.60	Due	Monthly
	Principal Interest			

Limit / Collateral Details

Limit Details

Type	CCY	Amount	Secured	Outstanding	Available/Excess
Unsecured	CHF	200,000.00	0.00	94,420.00	105,580.00

Line for the granted limit and it's utilization

Multi-currencies

Here you see the screenshots of the current account used as settlement account (top) and the limit attached to the loan (bottom)

118637 EUR - Current Account Overview

Arrangement	AA2110515BWL	Account	118637 - EUR
Product	Current Account	Arrangement Date	15 APR 2021
Account Short Title	Airbourne Freight	Status	Authorised
Beneficial Owner	Airbourne Freight		

T24.IBAN GB41DEMO60161300118637

Account Details | Financial Summary | Cashflow | Locked Funds | Interest

Balances

Ledger	Cleared	Working	Locked	Available
280,243.94	280,243.94	280,243.94	0.00	461,208.94

Limit Details

Type	CCY	Amount	Secured	Outstanding	Available/Excess
Unsecured	CHF	200,000.00	0.00	0	200,000.00

Additional Details | Transaction | Statement | Charges | Bills | Correspondence | Activity

Transaction Log | Recent Txns | Future Txns | Pending Txns

Recent Transactions

Booking Date	Description	Value Date	Debit	Credit
15 APR 2021	Credit Arrangement	15 APR 2021		80,243.94

Limit Details | Other Details | Intraday Limit | Signatory Details | Audit

Unsecured Joint Limit LI2110522XWC (Model Bank)

Record Parent
Customer Number.1
Limit Product 8300
Joint Liability No
Limit Type None
Risk Group Id

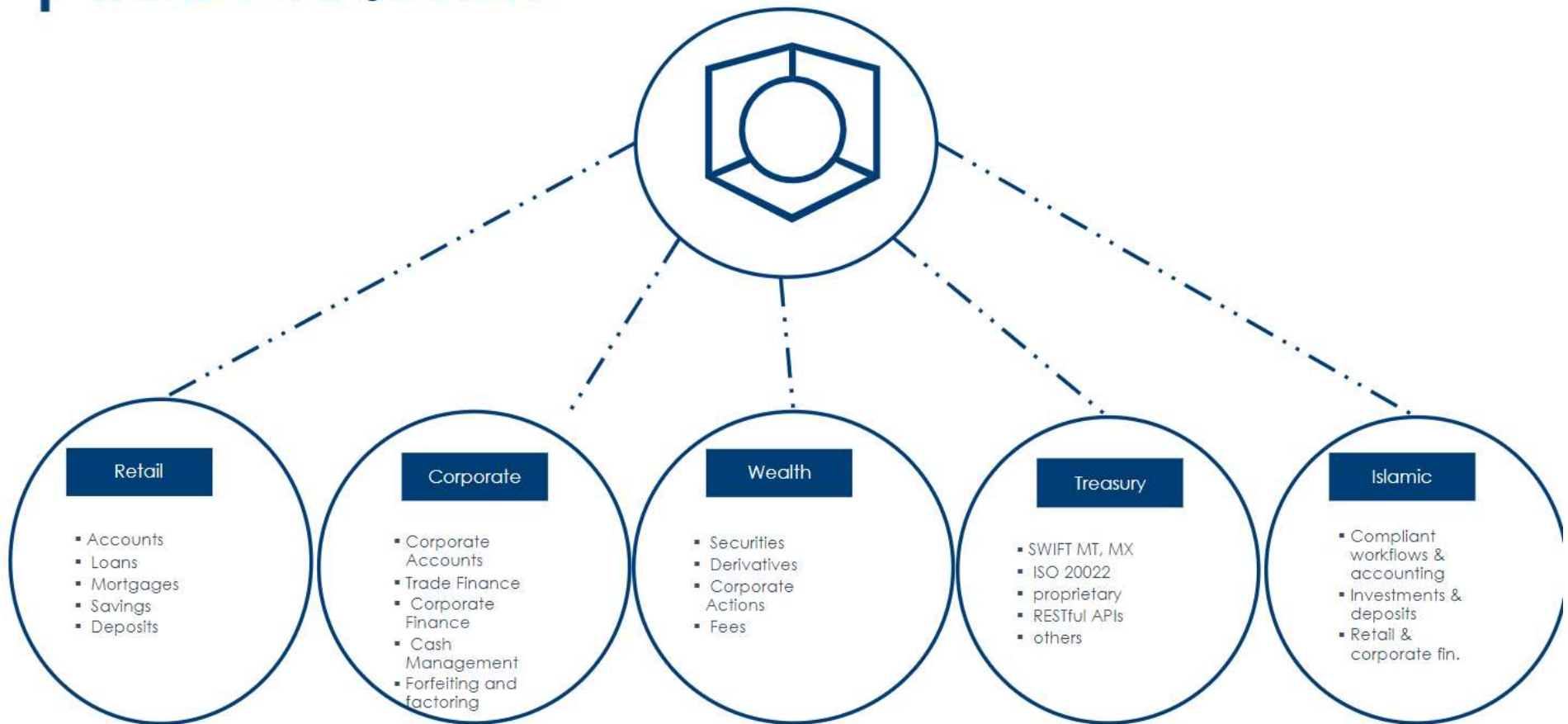
Liability Number 100396 Airbourne Freight
Serial No 06
Buffer
Business Unit
Shared Limit

Currency CHF
Country of Risk.1 US
Country Percent.1 100
Proposal Date 15 APR 2021
Approval Date 15 APR 2021
Offered Until 15 APR 2021
Review Frequency 15 APR 2022 M0101
Expiry Date 15 APR 2022
Online Limit Date 15 APR 2021
Last Draw Date
Internal Amount 200,000.00

Entry for the loan disbursement

T24 Functional Architecture

Transact » Sectors



T24 Functional Architecture

Transact » Retail » Key Features

Checking & Savings Accounts

- Multiple Currencies
- Flexible Product Designer
- Simple to Complex fees structure
- Statement cycles
- **Products**→ AR, AC

Rewards

Point based schemes
Product→ RW

Relationship Pricing

- Individual person or group level
- Applicable for interest, fees
- **Product**→ PR

Fixed Term Deposits

- Variable terms and pricing
- Rollover
- Maturity Options
- **Products**→ AD

Retail & Consumer Lending

- Flexible credit facilities
- Secured and Unsecured facilities
- **Products**→ LI, CO, CX

Bundles

- Interest compensation schemes
- Offset Credit products
- Fees and pricing bundled at product level
- **Product**→ AB

Mortgages & Residential Lending

- Variable Term, Variable Collateral
- Comply with Local Market Standards
- **Products**→ AL, LD



T24 Functional Architecture

Transact » Corporate » Key Features

Cash Management

- Balance Sweeps
- Virtual Accounts
- **Products**→ AR, AC, RS,CP

Corporate Credit

- Enterprise Credit Limit Management
- **Products**→ LI,CO,CX



Corporate Lending

- Simple to Complex syndicated lending
- Facilities
- Fees
- **Products**→ SL,FL

Trade Finance

- Letter of Credit
- Letters of Guarantee
- Documents and Collections
- Billing and Forfaiting
- **Products**→ LC,MD ,BL

Payment Interfaces

- Swift Local clearings
- SEPA, ACH High STP
- **Products**→ PP,PH

T24 Functional Architecture

Transact » Treasury » Key Features

Treasury Operations

- Nostro reconciliation
- FX Deal processing
- High STP
- **Products**→ FX,NR,CM

Regulatory Compliance

- IFRS
- MiFiD II
- GDPR
- **Products**→ IA,I9,MIFIDII,CZ,CK



360 Degree Cash flow Visibility

- Real time view of positions
- Profit and Loss (P & L)
- Cash flows
- Risk Management
- **Products**→ PM,PV,IA,I9

Asset and Risk Management

- Spans across Forex, Money Markets
- Derivatives
- Structured products
- **Products**→ FX,MM,DX,SY

Standard Interfaces

- Swift payments
- Bloomberg
- **Products**→ PH,PP



T24 Functional Architecture

Transact » Wealth & Private Banking » Key Features

Instrument Coverage

- Widest Range
- Purchase, sale, settlement holdings
- **Products** → SC, MF

Personalized Fees

- Personalized at Individual or family level
- **Products** → PR



Corporate Actions

- Full STP of events
- Defaults for portfolio and security types
- **Product** → SC

Accounts & Deposits

- Simple transactions
- Complex structures
- Fiduciary arrangements
- **Products** → FD

Cash Management

- Balance Sweeps
- Virtual accounts
- **Products** → AR, AC, RS, CP

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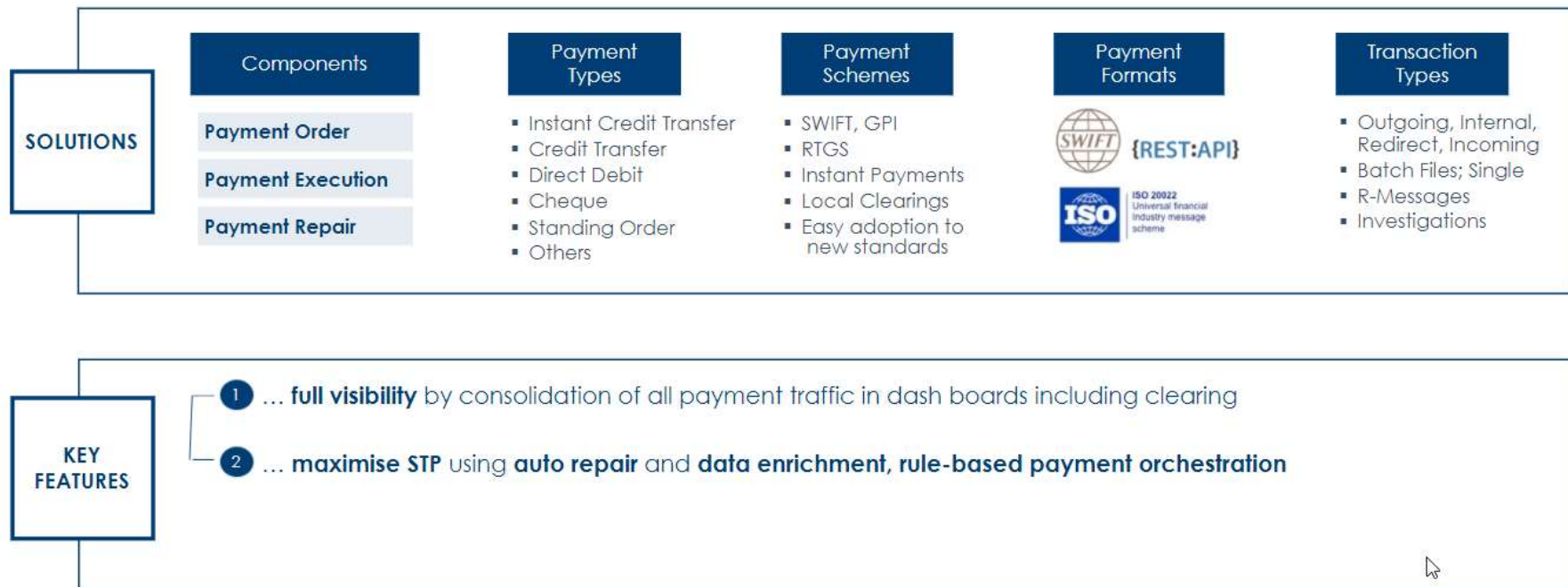
T24 Functional Architecture

Transact » Quick Summary



T24 Functional Architecture

Payments » Quick Summary



- 01 Bank functionalities covered in the T24
- 02 Concept of T24 Model bank and important components**
- 03 SMS (Security management system)
- 04 Core tables in T24

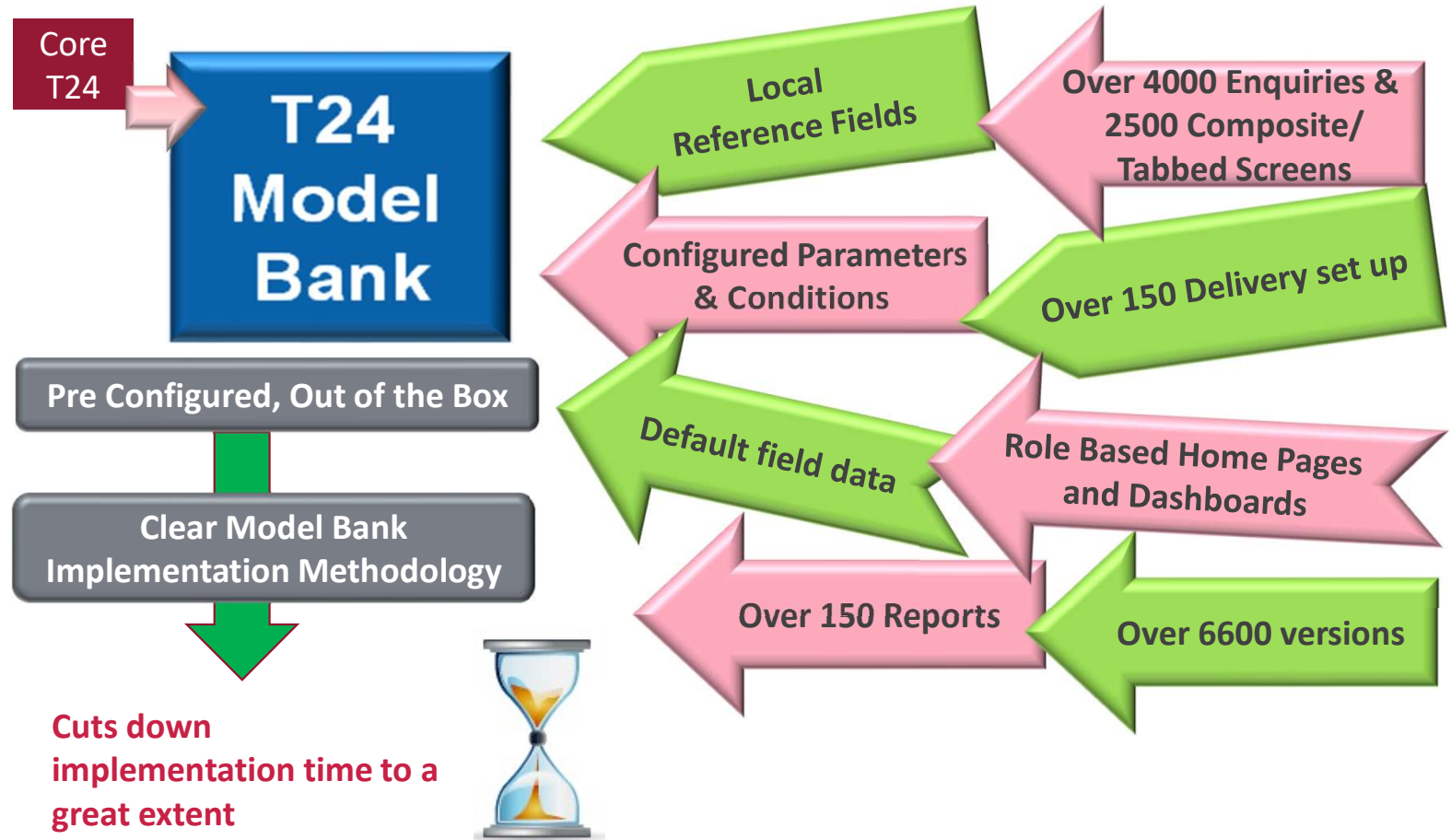


T24 Model Bank – concept and contents

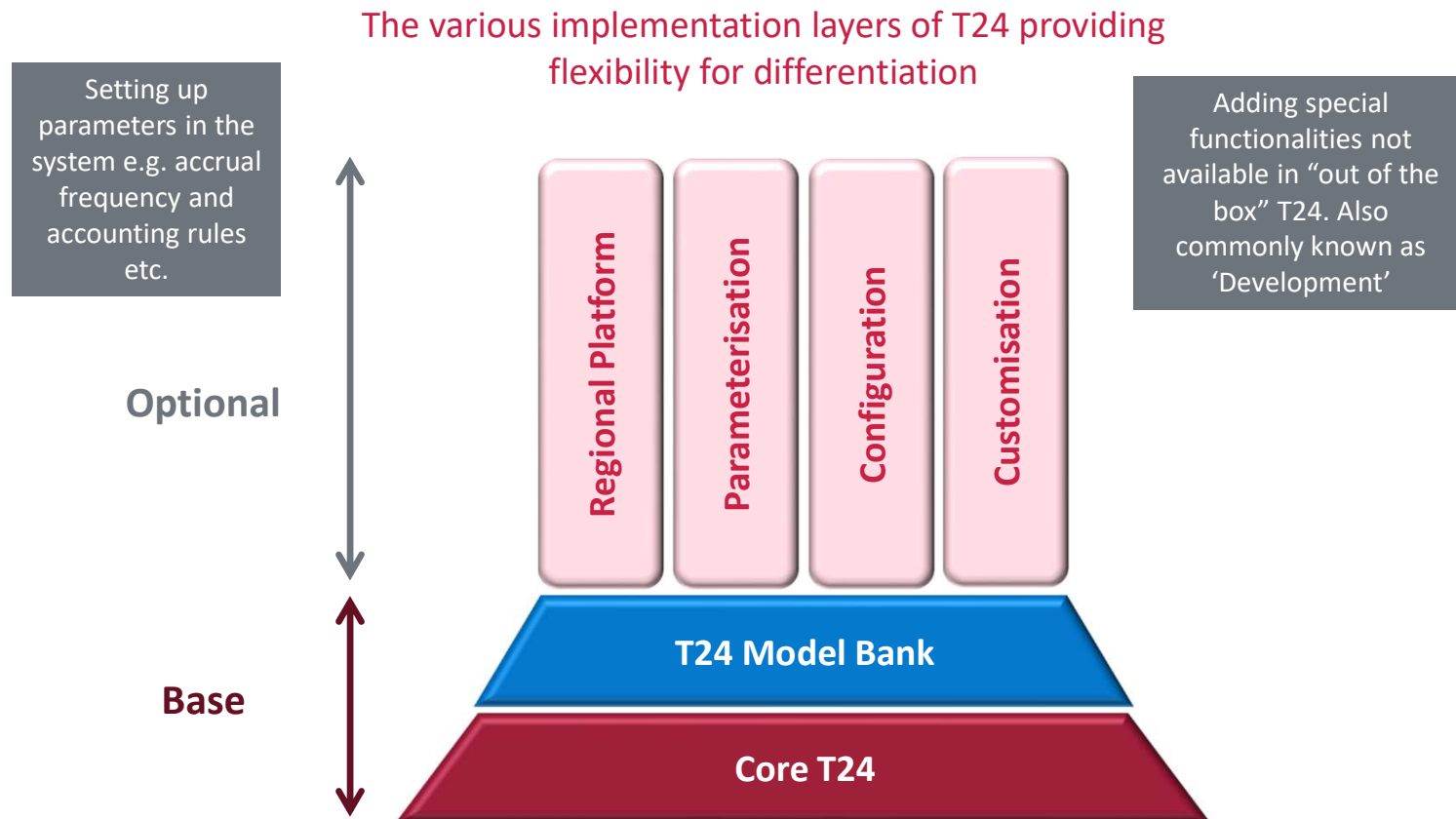
The **T24 model bank** is the T24 environment, which each client receives, when he has bought T24.

It is the **starting point for an implementation.**

During a project the model bank setup will be amended and enhanced based on the requirements of the client



T24 Implementation Layers



VERSIONS – Tables versus Versions

ACCOUNT 51284

In the Core T24

ACCOUNT Table

Customer
Category
Account Title 1
Account Title 2
Short Title
Mnemonic
Position Type
Currency
Currency Market
Limit Ref
Account Officer
Other Officer.1
Posting Restrict
Reconcile Acct
Interest Liqu Acct
Interest Comp Acct
Int No Booking
Referral Code.1
Waive Ledger Fee
Local Ref
Condition Group
Inactiv Marker

Joint Holder.1
Relation Code.1
Joint Notes.1.1
Allow Netting
Ledg Reco With.1
Stmnt Reco With.1
Our Ext Acct No
Reco Tolerance
Pending Id.1
Total Pending.1
Stock Control Type
Serial No Format
Auto Pay Acct
Orig Ccy Payment
Auto Rec Ccy.1
Original Acct.1
From Date.1
Locked Amount.1
Dispo Officer
Dispo Exempt
Tax Suspend
Tax At Settle
Ica Main Account

Tables in Core T24 contains all fields
However, not all fields are essential
for end users

For ease of use, we can
select essential fields
and create VERSIONS
using the application
as the base

T24-Induction training "Overview"

VERSIONs



The screenshot shows a software interface for opening a 'Vostro Account'. At the top, there is a header bar with several icons (checkmark, question mark, pause, close, etc.) and a text field containing 'Vostro Account 2000000000373'. Below this, there are two tabs: 'Vostro Account' and 'Audit'. The 'Vostro Account' tab is active, showing a list of fields for data entry. A large green starburst callout points to the 'Bank ID' field, containing the text: 'This VERSION for opening a vostro account is derived from the ACCOUNT table'.

Field	Value
Bank ID	2000000000373
Type of vostro	
Currency	
Mnemonic	
GB Account Name 1	
GB Account Name 2	
GB Short Name	
Limit Ref	
Account Officer	
Other Officer.1	
Group	

Enhanced configurations can be made to the T24 Model Bank



This VERSION displays only essential fields. Fields have been organized in a more user friendly manner

Local Reference Fields

Standard available fields
in a version of Model Bank

- Additional fields to store extra information
- Configurable
- Can be used in various tables and versions



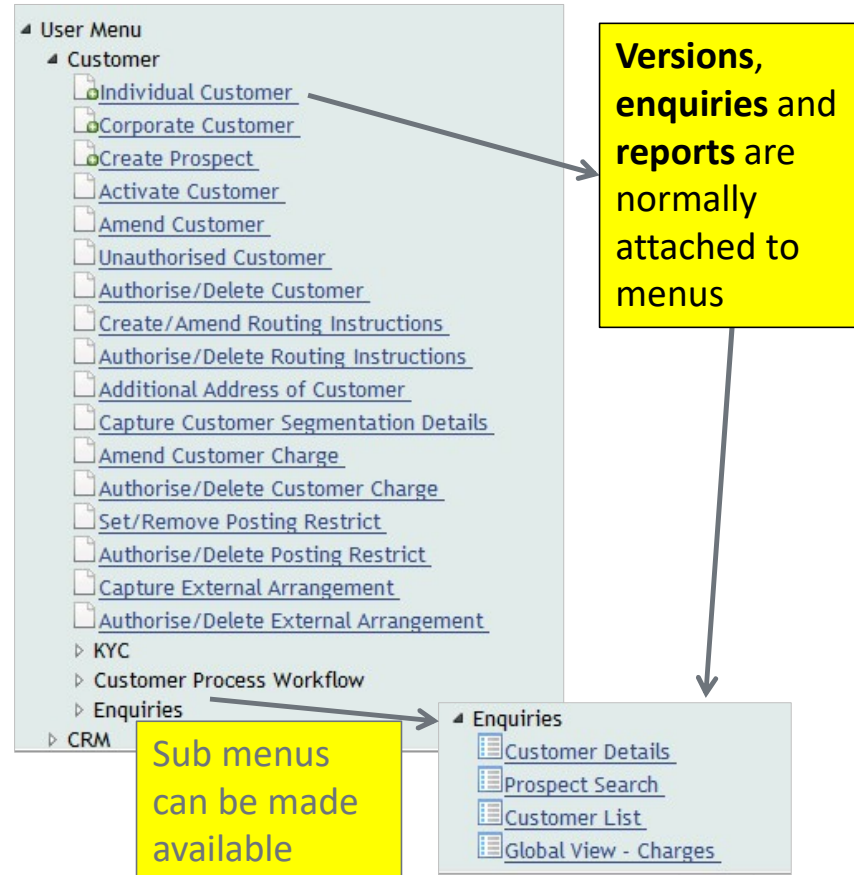
The screenshot shows a software form with several fields. A red bracket on the left groups the first three fields as 'Standard available fields in a version of Model Bank': 'Mnemonic', 'Customer Reference', and 'Origination Ref'. The 'Origination Ref' field is highlighted with a red box and contains the following options: 'CoipPrintReq' with radio buttons for '[None]', 'N', and 'Y' (where 'Y' is selected); 'Interest Scale' with a small white box; and 'IFRS stage' with a dropdown menu showing 'S1'.

The local reference fields added for a client



Menus

- Provides easy navigation
- Different menu structures can be assigned to different users
- Group similar tasks for ease of use – in the model bank a lot of top menus are built in sync with the respective banking sectors



Enquiries



An Enquiry is an online query that is executed to fetch data from the database and displays results in a user friendly format

- Practically you search for data based on specified search criteria
- This shall be shown via the enquiry for checking limits of a customer and their utilizations

Selection screen with the search fields

Limit Summary/Customer Liability		More Options	Find
		Clear Selection	
Liability Number	equals	100396	
Adjust Available Amt	equals		
Show Third Party Exposure	equals		
NO.SORT.OPTION	equals		
INCLUDE.DL	equals		
GB0010001 : LIAB			

Note: Enquiry results can be filtered by defining search criteria

Enquiries

Result screen of the “Customer Position” enquiry with the facility here to drill down to a level further

Limits Summary as on : 15 APR 2021

Liability 100396 Airbourne Freight Amount in 000's


Limit Description	S.No.	Limit Ccy	Limit Amount	Outstanding Amount	Available/Excess Amount	Expiry Date	
Rev Commitment	01	USD	150	0	150	19 MAR 2022	
Adv in Curr Acc	01	USD	90	0	90	19 MAR 2022	
AA Revolving	01	USD	40	-80	-40	19 MAR 2022	
Adv in Curr Acc	02	USD	0	0	0	19 MAR 2022	
Adv in Curr Acc	05	EUR	0	-30	-30	15 APR 2022	
Adv in Curr Acc	06	EUR	10	0	10	15 APR 2022	
Adv in Curr Acc	03	EUR	5	0	5	15 APR 2022	

Limit Transactions

Customer : 100396 Airbourne Freight

Product : Adv in Curr Acc 05

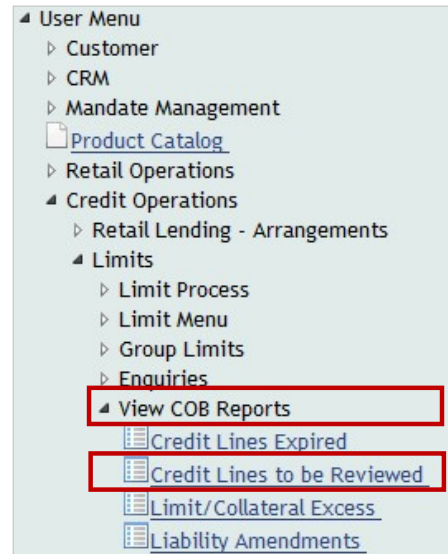
Company	Txn.Ref	Ccy	Amount	Full Amount	Mat. Date	
BNK	118575	EUR	-30,000.00	-30,000.00	15 APR 2021	



Reports

During Close of Business (COB), system generates a variety of reports

Note: A report is generated during close of business while an enquiry is displayed online. Both can be printed if printer is configured



Credit Lines to be Reviewed

Batch Run : 30 APR 2011 13:26 INPUTTER

Company	Name	Date Created	Time Created	Batch	Requested By	Hold ID
BNK	CREDIT.LINES.TO	30 APR 2011	13:30	Yes	CREDIT.LINES.TO.REVI	15826077544860400



Reports

Back to: [Credit Lines to be Reviewed](#) >

Results 1 - 1 of 1

An example of the COB report

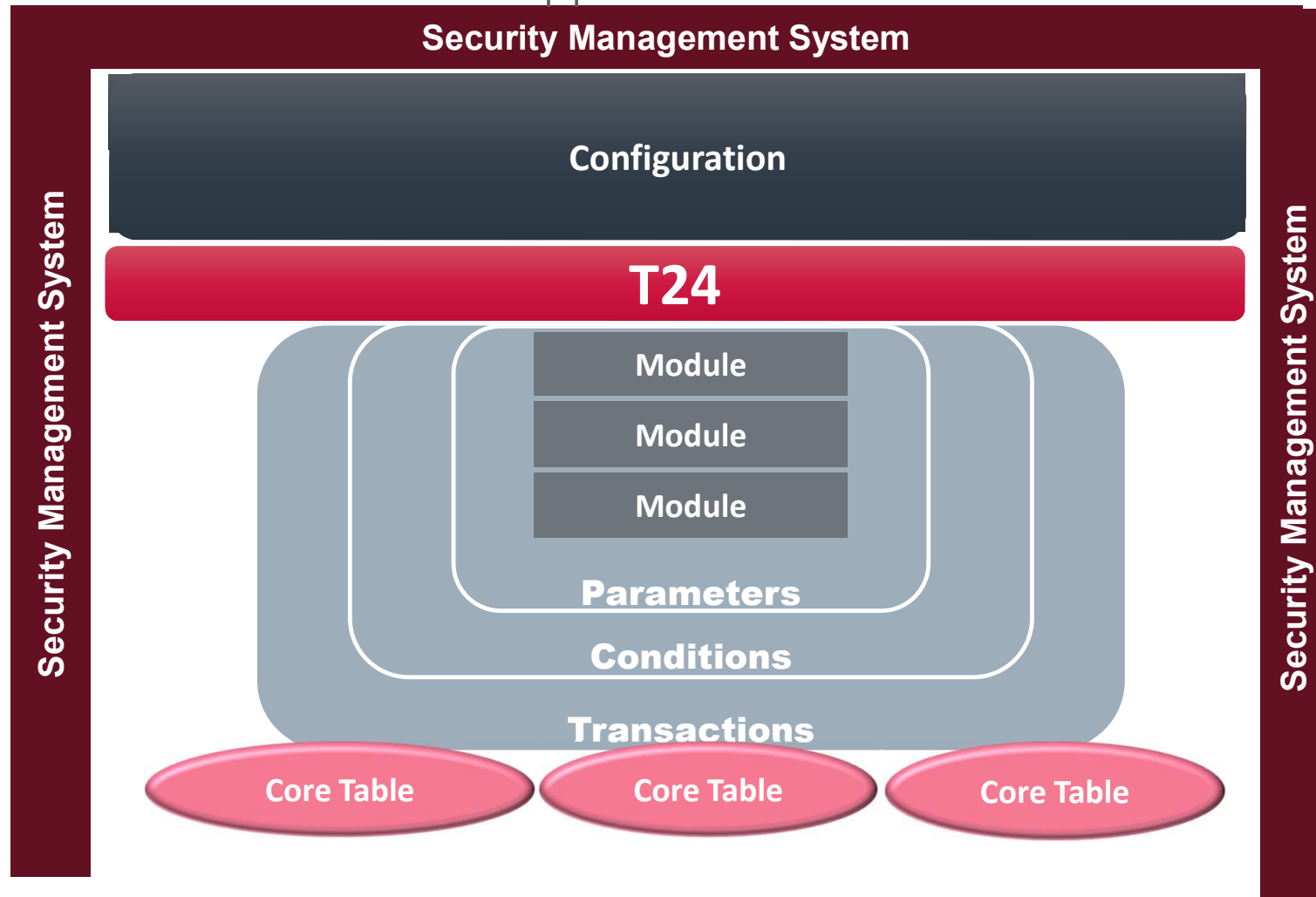
LI000004 MF Lead Company 13 APR 11 LIMITS - CREDIT LINES TO BE REVIEWED Page 1
 Area Customer Service Agent No. 26 Printed at 30 APR 2011 13:30:04
 To Customer Service Agent BLDG2-1

LIMIT REFERENCE NO.	LIABILITY/CUSTOMER	REFER.NAME	CCY TIMCD	LIMIT AMOUNT	AVAILABLE AMOUNT EXCESS (EXCESS) DATE
REVIEW DATE: 07 APR 11 *****					
100100.0008300.03	Harry Crisp	AA Non-Revolve	USD	299,900.00	299,900.00
100105.0008300.03	Jack Kerman	AA Non-Revolve	USD	299,800.00	299,800.00
REVIEW DATE: 10 APR 11 *****					
100110.0008300.03	Collin Cash	AA Non-Revolve	USD	99,900.00	69,900.00
REVIEW DATE: 11 APR 11 *****					
100105.0002400.01	Jack Kerman	AA Revolving	USD	100,000.00	100,000.00
100110.0008300.01	Collin Cash	AA Non-Revolve	USD	40,000.00	40,000.00

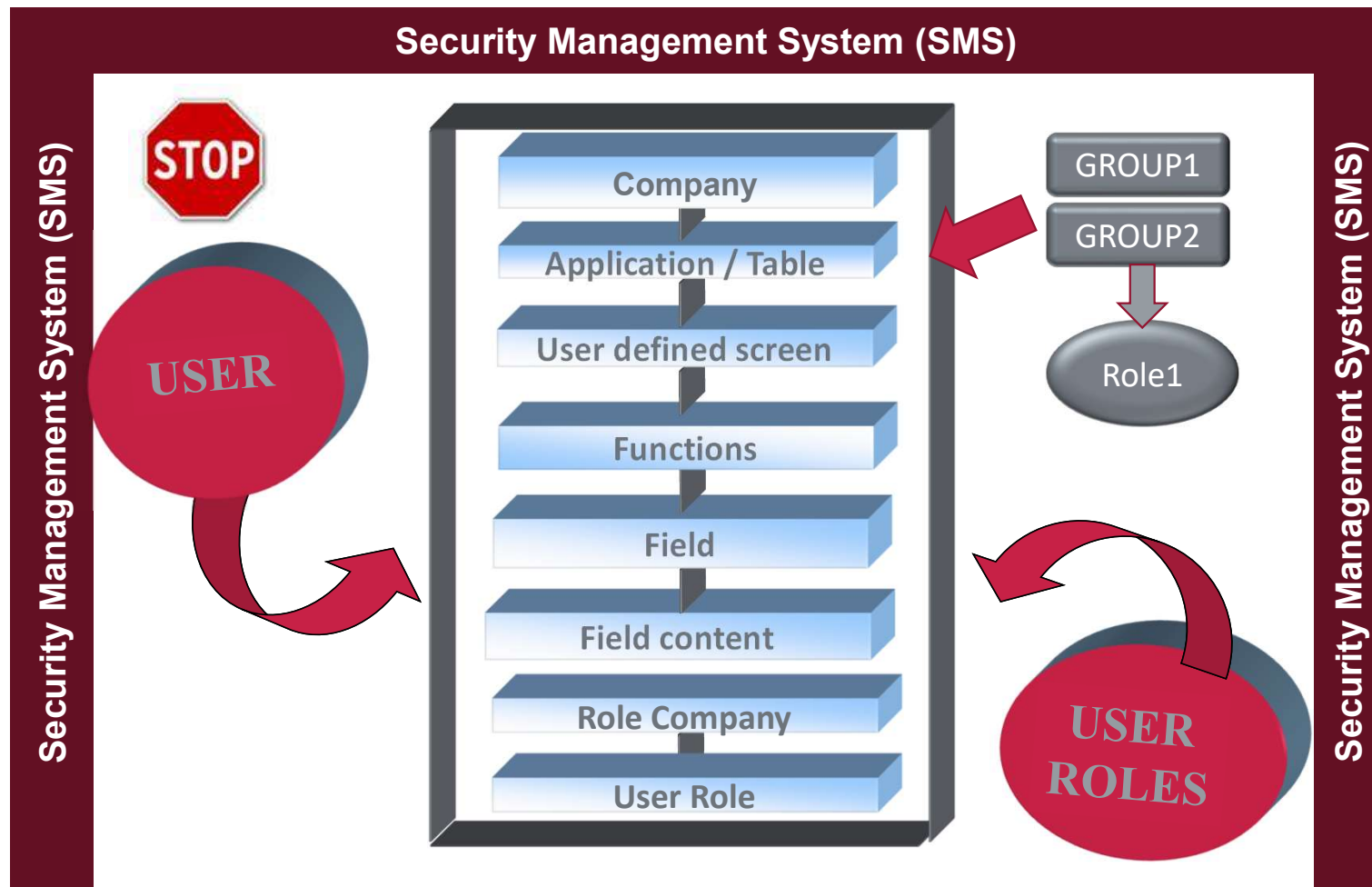
- 01 Bank functionalities covered in the T24
- 02 Concept of T24 Model bank and important components
- 03 **SMS (Security management system)**
- 04 Core tables in T24



Modular approach



Security Management System (SMS)



Sample set up

A sample shall illustrate the SMS setup

- On the left side you see a user group defined in the USER.SMS.GRROUP table
- On the right side you see how the user group is attached to a user in the USER table

Screenshot for the user group for back office for corporate banking

USER.SMS.GROUP AI.CORPAUTH (Model Bank)

GB Description	CORPAUTH access details
Application.1	BENEFICIARY
Version.1	,TCIB
Function.1	S A
Field No.1	
Data Comparison.1	
Data From.1	
Data To.1	
Temp Function.1	
Start Date.1	
End Date.1	
Application.2	ENQUIRY.SELECT
Version.2	

Screenshot for the attachment of the user group to the user THOMAS01

USER THOMAS01 (Model Bank)

Company Code.8	GB0010005
Department Code	1
Password Validity	01 AUG 2022 M0601
Start Date Profile	03 FEB 2022
End Date Profile	31 DEC 2099
Start Time.1	0
End Time.1	2400
Time Out Minutes	999
Attempts	9
Init Application	
Customer.1	
Account.1.1	
Company Restr.1	ALL
Application.1	@AI.CORPAUTH

Security Management System (SMS)

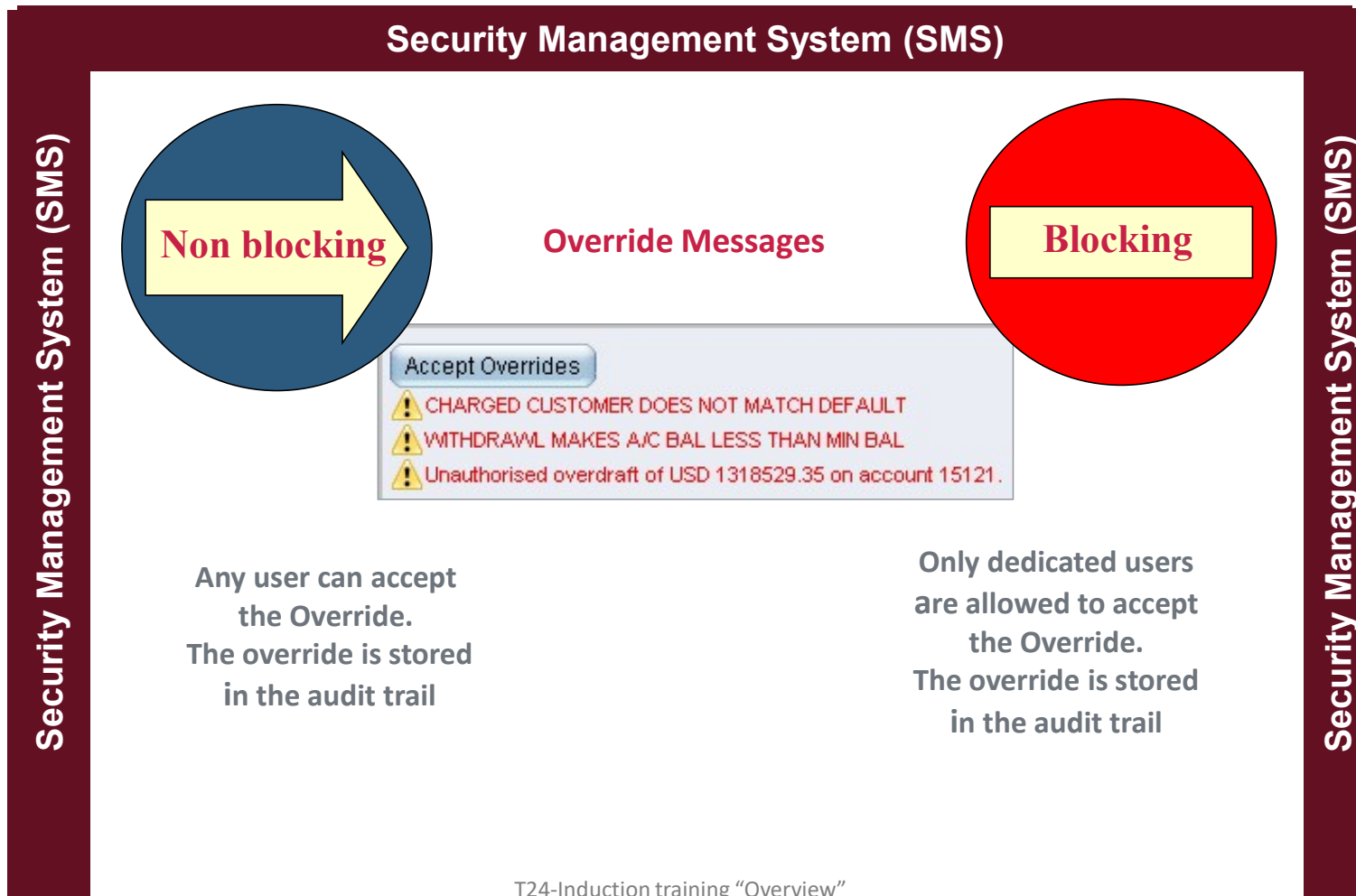
Security Management System (SMS)

■ Error Messages

- Displayed when committed / validated
- Field names and error text displayed
- Record cannot be committed without error rectification
- Clicking on the message takes you to the respective field to correct the input



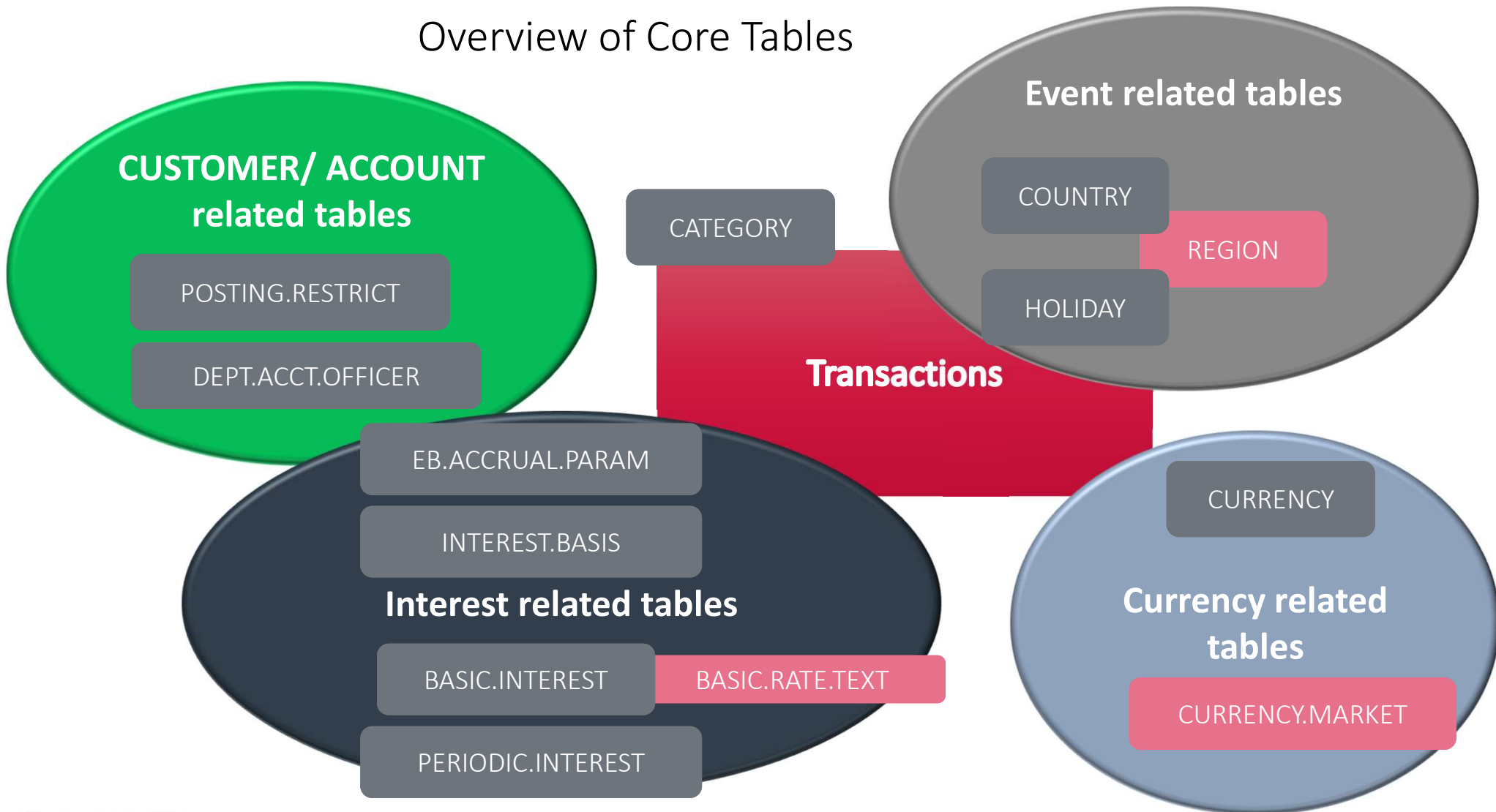
Security Management System (SMS)



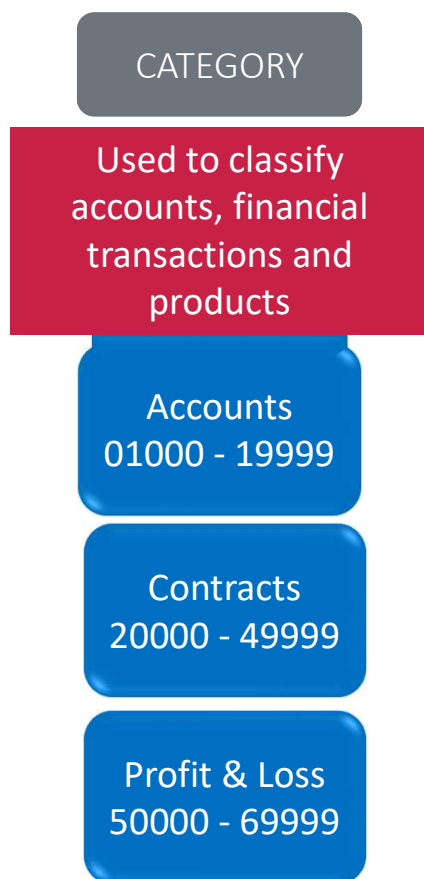
- 01 Bank functionalities covered in the T24
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Overview of Core Tables



CATEGORY



Customer Accounts Current accounts Vostro accounts AA Loans Nostro accounts Saving accounts	1000 - 9999 1000 – 1999 2000 – 2999 3100 – 3199 5000 – 5999 6000 – 6999	Possible to accrue interest
Internal Accounts Cash accounts Fixed Assets Suspense	10000 – 19999 10000 – 10999 11000 – 19999	Not possible to accrue interest
Contracts	20000 – 49999 <i>(Each contract module has its own set of category range)</i>	E.g. Letter of Credit, Guarantees, Forex
Product related PL	50000 – 59999 50000 – 50999 51000 – 51999 52000 – 52999	Interest paid Interest received Commission
Non Product related PL	60000 and above 60000 – 60999 62000 – 62999	Salaries Operating expenses

COUNTRY and REGION

COUNTRY



In the Model Bank, a comprehensive list of country codes are readily available. Additional ones may be included

Country	
Code	Name
@ID	SHORT.NAME
US	USA
UY	Uruguay
UZ	Uzbekistan

Country	
Code	Name
Transaction Ref	Short name
AD	Andorra
AE	U.A.E
AF	Afghanistan
AG	Antigua
AI	Anguilla
AL	Albania
AM	Armenia
AN	Neth Ant.
AO	Angola
AQ	Antarctica
AR	Argentina
AS	American Samoa
AT	Austria
AU	Australia
AW	Aruba
AZ	Azerbaijan
BA	Bosnia-Herz
BB	Barbados
BD	Bangladesh

In T24, we will set up a list of country codes. These country codes are useful for various purposes such as defining customer's country of residence and nationality. Another objective is to enable the set up of holiday tables so as to check working and non-working days for system processing purposes



REGION

REGION - Default List				
Id	Region name	Cg index date	Cg index	Delivery region
GB01	GB REGION 1			GBLO
US01	New York			USNY
US02	California			USCA

Besides countries, we can also optionally set up regions. One reason is because there could be specific regional holidays within a country

HOLIDAY

HOLIDAY

HOLIDAY CA 00 2013 Canada (Model Bank)	
January	01
February	
March	29
April	09
May	20
June	
July	01
August	05
September	02
October	14
November	11
December	25 26
Weekend Days.1	<input type="button" value="+"/> <input type="button" value="-"/> Sa <input type="button" value="v"/>
Weekend Days.2	<input type="button" value="+"/> <input type="button" value="-"/> Su <input type="button" value="v"/>

As mentioned, we can make use of COUNTRY and REGION tables to set up HOLIDAY tables



In this example, 2013 holiday dates have been defined for Canada as a country using the ID:

- CA (Canada)
- CA00 (this means the entire Canada. If it is specific to a region, then the ID could be CA01 or CA02 etc. depending on the REGION table set up)
- 2013 (the year of the table)

Days of the week classified as 'Weekend Days'

'Weekend Days' can be defined

HOLIDAY

HOLIDAY

Examples on how system adjusts the repayment due date if the date falls on a holiday. It is also dependent on the option selected in loan

Assume Sat and Sun are non working days and no public holidays during the illustrated periods

	Scenario A	Scenario B	Scenario C
Assume the original due date falls on a Sunday (non working day) as defined in HOLIDAY table	Fri: 23-Mar Sat: 24-Mar Sun: 25-Mar Mon: 26-Mar	Fri: 29-Mar Sat: 30-Mar Sun: 31-Mar Mon: 01-Apr	Fri: 30-Mar Sat: 31-Mar Sun: 01-Apr Mon: 02-Apr

Option selected in Loan	New Due Date (Scenario A)	New Due Date (Scenario B)	New Due Date (Scenario C)
Backward	23-Mar	29-Mar	30-Mar
Forward	26-Mar	01-Apr	02-Apr
Forward Same Month	26-Mar	29-Mar	02-Apr
Calendar	25-Mar	31-Mar	01-Apr

CURRENCY

CURRENCY

One key purpose of the CURRENCY table is to define the exchange rates of a particular currency against the system local currency

GBP Pound Sterling (Model Bank)

Setup Audit

Rank

GB Ccy Name Pound Sterling

Quotation Code 0

Quotation Pips 4

Delivery Days 1

Days Forward 0

Interest Day Basis E 366/365

Rate Allowance

Fixing Date

Market.1 1

Mid Reval Rate.1	1.65
Default Spread.1	0.02
Buy Rate.1	1.63
Sell Rate.1	1.67
Upto Small Amt.1	
Trsy Small Sprd.1	
Cust Small Sprd.1	
Negotiable Amt.1	77,780.00
Trsy Med Spread.1	
Cust Med Spread.1	
Market.1	

Currency Market

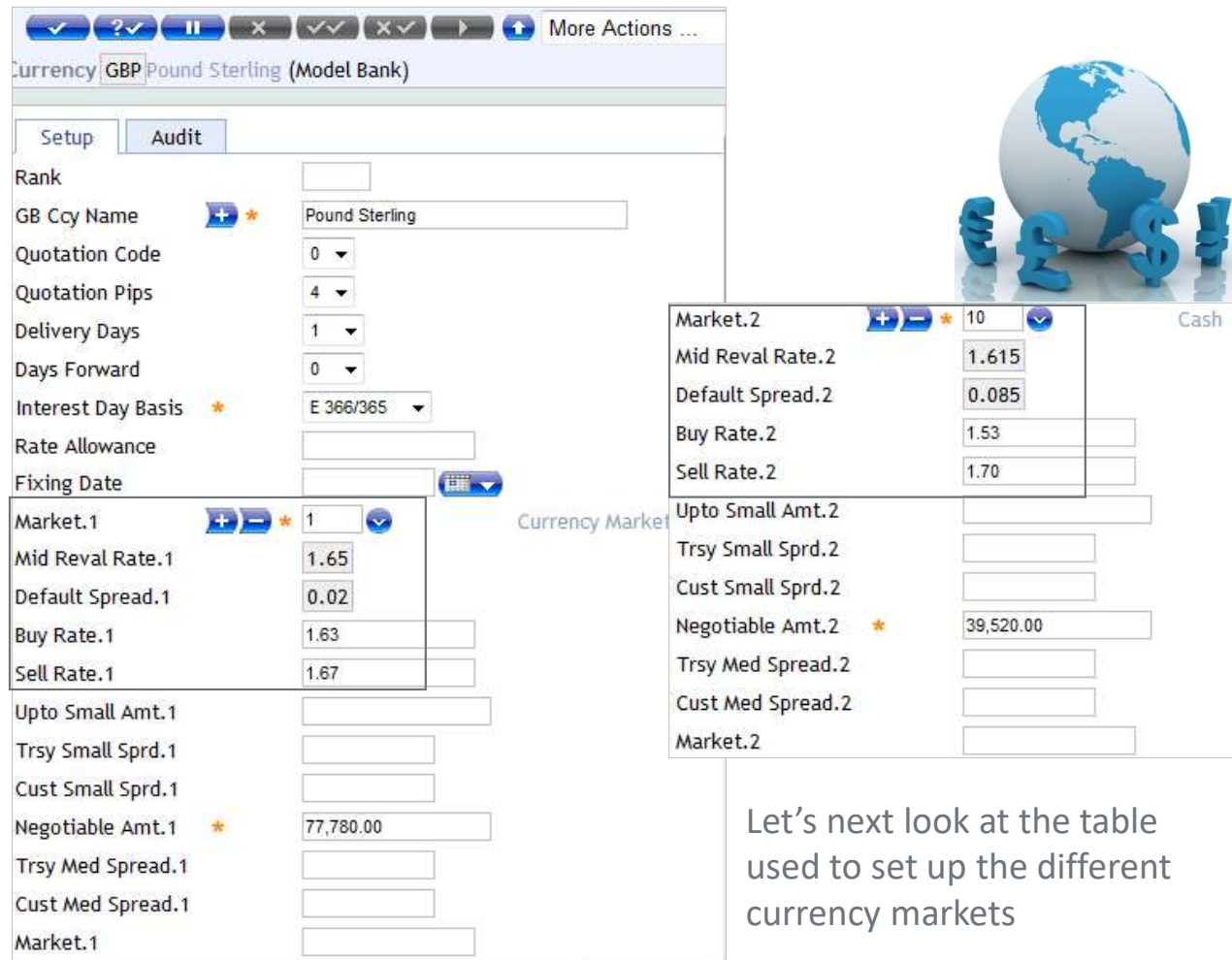


When exchange rates are required in loan transactions, system can automatically retrieve the values from this table. This can help reduce the need for manual intervention at transaction level

CURRENCY

CURRENCY

We can also set up multiple sets of exchange rates for a currency depending on the purpose. This is achieved by setting up different currency markets



Currency: GBP Pound Sterling (Model Bank)

Setup | Audit

Rank:

GB Ccy Name:

Quotation Code:

Quotation Pips:

Delivery Days:

Days Forward:

Interest Day Basis:

Rate Allowance:

Fixing Date:

Market.1:

Mid Reval Rate.1	1.65
Default Spread.1	0.02
Buy Rate.1	1.63
Sell Rate.1	1.67
Upto Small Amt.1	<input type="text"/>
Trsy Small Sprd.1	<input type="text"/>
Cust Small Sprd.1	<input type="text"/>
Negotiable Amt.1	77,780.00
Trsy Med Spread.1	<input type="text"/>
Cust Med Spread.1	<input type="text"/>
Market.1	<input type="text"/>

Market.2:

Mid Reval Rate.2	1.615
Default Spread.2	0.085
Buy Rate.2	1.53
Sell Rate.2	1.70
Upto Small Amt.2	<input type="text"/>
Trsy Small Sprd.2	<input type="text"/>
Cust Small Sprd.2	<input type="text"/>
Negotiable Amt.2	39,520.00
Trsy Med Spread.2	<input type="text"/>
Cust Med Spread.2	<input type="text"/>
Market.2	<input type="text"/>

Cash

Let's next look at the table used to set up the different currency markets

CURRENCY.MARKET

CURRENCY.MARKET

Used to define the various currency markets

In conjunction with the CURRENCY table, it helps to define the different sets of exchange rate used for different circumstances



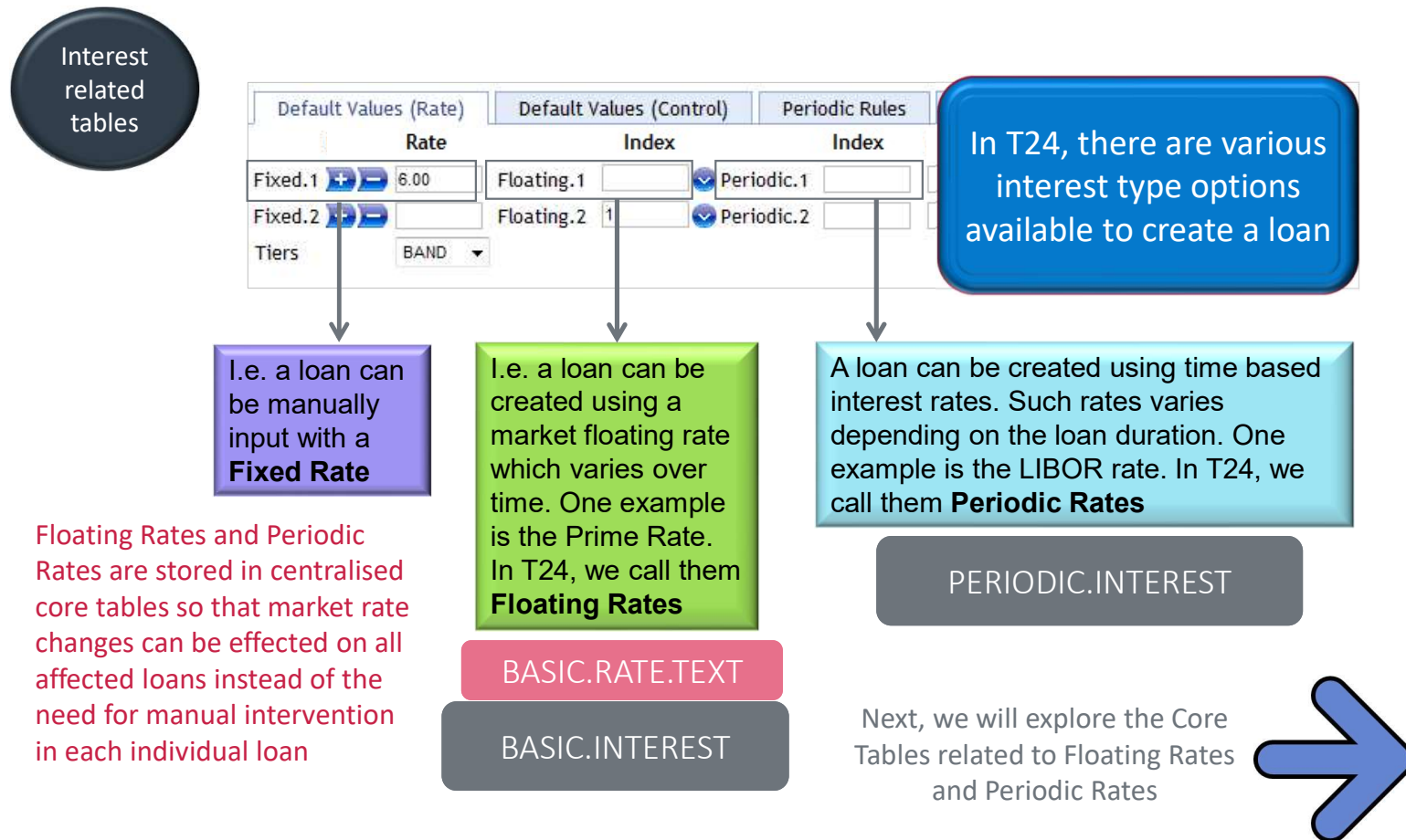
Up to 99
markets
can be
defined

Currency Market

Id	Description
1	Currency Market
10	Cash



Interest Related Tables



BASIC.RATE.TEXT and BASIC.INTEREST

Floating Interest

Interest
related
tables

Define
floating
interest
rate type

BASIC.RATE.TEXT

BASIC.RATE.TEXT	1	(R10 Model Bank)
GB Description	+ Loan Base Rate	
Swift Rate Code		
Days Notice		

BASIC.INTEREST

BASIC.INTEREST	1 USD 31 DEC 2008
Interest Rate	7.00
Neg Int Rate	

Default Values (Rate)		Default Values (Control)		Periodic
Rate	Index	Index	Index	
Fixed.1 +	Floating.1 1	Periodic.1		

At transaction level, if the loan is using floating rate, the BASIC.RATE.TEXT key is entered. The actual rate will be derived from the prevailing BASIC.INTEREST record depending on the currency and effective date of the loan

Define the actual floating rate of the type created in BASIC.RATE.TEXT. This actual rate is effective date specific and currency specific. This implies that different records can be created depending on the effective dates and currencies

PERIODIC.INTEREST

Periodic Interest

Interest
related
tables

**Defines time based
interest rates**

Bid Rates and Offer
Rates can be
defined

Bid rates are
automatically
retrieved for Term
Deposits and Offer
Rate for Loans



PERIODIC.INTEREST		01 USD 07 JAN 2009
GB Description	+	US LIBOR
Default Mis Table		01
Rest Period.1	+ -	01D
Rest Date.1		08 JAN 2009
Days Since Spot.1		1
Amt.1.1		
Bid Rate.1.1		4.5178
Offer Rate.1.1		4.5289
Rest Period.2	+ -	01M
Rest Date.2		09 FEB 2009
Days Since Spot.2		33
Amt.2.1		
Bid Rate.2.1		4.51275
Offer Rate.2.1		4.53255
Rest Period.3	+ -	03M
Rest Date.3		07 APR 2009
Days Since Spot.3		90
Amt.3.1		
Bid Rate.3.1		4.52758
Offer Rate.3.1		4.54275

Default Values (Rate)		Default Values (Control)		Periodic Rule	
Rate		Index		Index	Peri
Fixed.1	+	Floating.1		Periodic.1	01

At transaction level, if i.e. a loan uses
PERIODIC.INTEREST, the key is entered

System will retrieve the interest rate
from the PERIODIC.INTEREST table
that is applicable to that loan based on
the Currency, Term and Effective Date

At the contract level, we can optionally
set up periodic **rate revision frequency**
which the system will refresh the
applicable rate based on the prevailing
PERIODIC.INTEREST record

INTEREST.BASIS

Interest
related
tables

INTEREST.BASIS

Provides the basis of calculating interest

Let's assume there is a loan:

Principal: 100,000

Interest Rate: 5%

Duration: 3 months (1 Jan to 31 Mar)

What would be the interest amount ?

If 366/366 is selected as the Interest Basis,
= 100,000 x 5% x Actual number of days/366 days

If 360/360 is selected as the Interest Basis,
= 100,000 x 5% x 90/360 days



Key	Days/Denominator
A	360/360
B	366/360
C	366/366
D	360/366
E	366/365
F	360/365
G	360/364
S	Special

Interest basis can be set as a default value at transaction level or allow users to select

EB.ACCRUAL.PARAM

Interest
related
tables

EB.ACCRUAL.PARAM

Determines if the interest accrual
would include the start date, the last
day or both

EB.ACCRUAL.PARAM - Default List

Id	Description	Prin adjust rtn	Include start date	Last day inclusive
 BOTH	Both First and Last day accrual		YES	YES
 FIRST	INTEREST ON FIRST DAY		YES	NO
 LAST	Last Day Accrual		NO	YES



Let's take an example of a loan that has a monthly payment due on the 17th of every month

Today is the 17th Mar and a payment is due. Based on the selected options in this table:

- **FIRST** will include interest from the 17th Feb through and including the 16th Mar, but will exclude 17th Mar
- **LAST** will include interest from the 18th Feb through and including the last day which is the 17th Mar
- **BOTH** will include interest of both 17th Feb and 17th Mar

DEPT.ACCT.OFFICER

DEPT.ACCT.OFFICER



To define the list of Departments and/or Account Officers

ID	Area	Name	Delivery Point	Dept Level	Dept Parent
17	Teller	Teller 2	BLDG2-1	60	2530
18	Retail Loan Administrator	Retail Loan Administrator 1	BLDG1-3	60	2620
19	Retail Loan Administrator	Retail Loan Administrator 2	BLDG1-3	60	2620
2500	Customer Services	Customer Services Divisional Head	CS	20	
2510	Retail Banking	Retail Banking Manager	CS-RB	30	2500
2520	Main Cashiers	Main Cashiers	CS-MC	30	2500
2530	Foreign Currency Cashiers	Foreign Currency Cashiers	CS-MCC	30	2500

An account officer or department code can be assigned to the loan

Such assignments can be useful for reporting and accountability purposes.
It can also be relevant for any other purposes – like storing the employee structure
of the bank

POSTING.RESTRICT

POSTING.RESTRICT



Posting Restriction codes are used to alert the user that restrictions apply when posting transactions

Posting restrictions can be applied on Customer and Accounts (including AA Loans)

POSTING.RESTRICT - Default List

Id	Description	Restriction type	Dis
1	Post No Debits	DEBIT	
2	Post No Credits	CREDIT	
3	Post No Entries	ALL	
4	Refer Credits to Supervisor	CREDIT	
5	Refer Debits to Supervisor	DEBIT	
6	Refer All entries to Supervisor	ALL	
7	Account on Referral List	ALL	
8	Account on Referral List - CR	CREDIT	
9	Account on Referral List - DR	DEBIT	
10	Post Credits to Savings a/c	CREDIT	
11	Post Debits to Current a/c	DEBIT	
12	Customer Deceased	ALL	
80	Pending Closure	ALL	
90	Automatic Closing	ALL	

The selected posting restriction will appear as an override message at transaction level

POSTING.RESTRICT

T24 Overview > Overview of Core Tables

POSTING.RESTRICT



An example here is we have indicated a restriction at the loan level stating that any credits into the loan would need to be referred to a supervisor

Indicate a posting restriction in the loan

Account			
Account Static		Control	
Category	3107 Home Loan	Posting Restrict	4
Base Date Type	AGREEMENT	Anniversary	14 APR
Name	Home Equity Line of Credit		

AA - Repayment FT/11104/376NJ (Model Bank)

[Accept Overrides](#)
⚠ Account 50385 - Refer Credits to Supervisor

Override messages are displayed when we tried to credit into the loan

AA - Repayment		Audit		
Credit Account	50385	Home Equity Line of Credit	Credit Value Date	14 APR 2011
Credit Ccy	USD US Dollar	Credit Amount	1,000.00	
Debit Account	14777	BOEING	Debit Value Date	14 APR 2011
Debit Currency	CHF Swiss Franc	Debit Amount		
Treasury Rate	0.947	Processing Date	14 APR 2011	
Customer Rate	0.947	Customer Spread		

POSTING.RESTRICT















POSTING.RESTRICT

ID can be up to a 2 digit number

Certain ranges of codes can be user defined while certain ranges have pre-defined purposes

ID	Purpose
01-79	Can be user defined for Financial Institution's own purpose
80-89	Pre-defined range for accounts which will be closed soon, but not to be closed automatically
90-99	Pre-defined range for accounts which should be closed automatically as soon as Balances are zero

POSTING.RESTRICT - Default List

Id	Description	Restriction type	Dis
 <u>1</u>	Post No Debits	DEBIT	
 <u>2</u>	Post No Credits	CREDIT	
 <u>3</u>	Post No Entries	ALL	
 <u>4</u>	Refer Credits to Supervisor	CREDIT	
 <u>5</u>	Refer Debits to Supervisor	DEBIT	
 <u>6</u>	Refer All entries to Supervisor	ALL	
 <u>7</u>	Account on Referral List	ALL	
 <u>8</u>	Account on Referral List - CR	CREDIT	
 <u>9</u>	Account on Referral List - DR	DEBIT	
 <u>10</u>	Post Credits to Savings a/c	CREDIT	
 <u>11</u>	Post Debits to Current a/c	DEBIT	
 <u>12</u>	Customer Deceased	ALL	
 <u>80</u>	Pending Closure	ALL	
 <u>90</u>	Automatic Closing	ALL	

What Did We Learn?

T24 Overview

Conclusion

- ✓ An overview of T24 and T24 Model Bank
- ✓ Some of the key configurations and components of T24
- ✓ Some of the key core tables





Thank you

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