LEARNING

OBJECTIVES

After this lesson you…

- know the different Custom Object types

- get an idea how
  - Custom Fields,
  - Custom Menus and
  - Custom Events are set up

and know the basic steps you have to take to create them

AGENDA

01
CUSTOM OBJECTS OVERVIEW

02
CUSTOM FIELDS

03
CUSTOM MENUS

04
CUSTOM EVENTS

CUSTOM OBJECT

OVERVIEW

Conditional Fields
Set conditions on a field that steers the behavior of the field based on values in other fields

CUSTOM TAB
Configure/add new tabs to existing IFS Applications detail forms to show data stored in Custom Logical Units

CUSTOM DETAIL PAGES
Configure/add detail pages to IFS Applications to show data stored in Custom Logical Units

CUSTOM LOGICAL UNITS
Configure and add storage of business objects to IFS Applications

CUSTOM PAGES
Configure/add table window pages to IFS Applications to show data stored in Custom Logical Units

CUSTOM REFERENCES
Configure and add references between Logical Units in IFS Applications

CUSTOM FIELDS
Add fields to an IFS Application page or report without customizations

CUSTOM MENUS

CUSTOM EVENTS

QUICK REPORTS

CUSTOM

FIELD

IFS

CUSTOM FIELD

GENERAL

WHAT IT IS?

- in addition to the standard field in IFS Applications
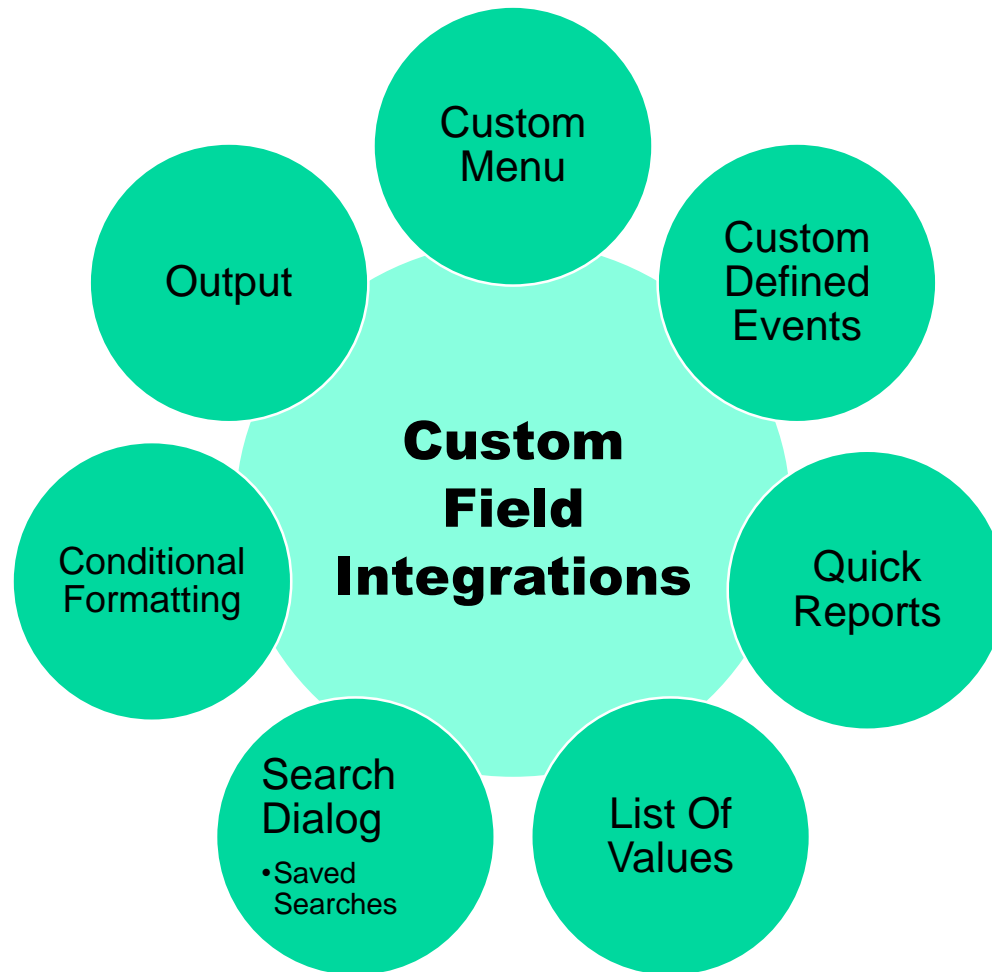- used to manage additional information

BENEFITS

- Custom Fields provide the flexibility to the Applications users to meet their business needs without going for customizations

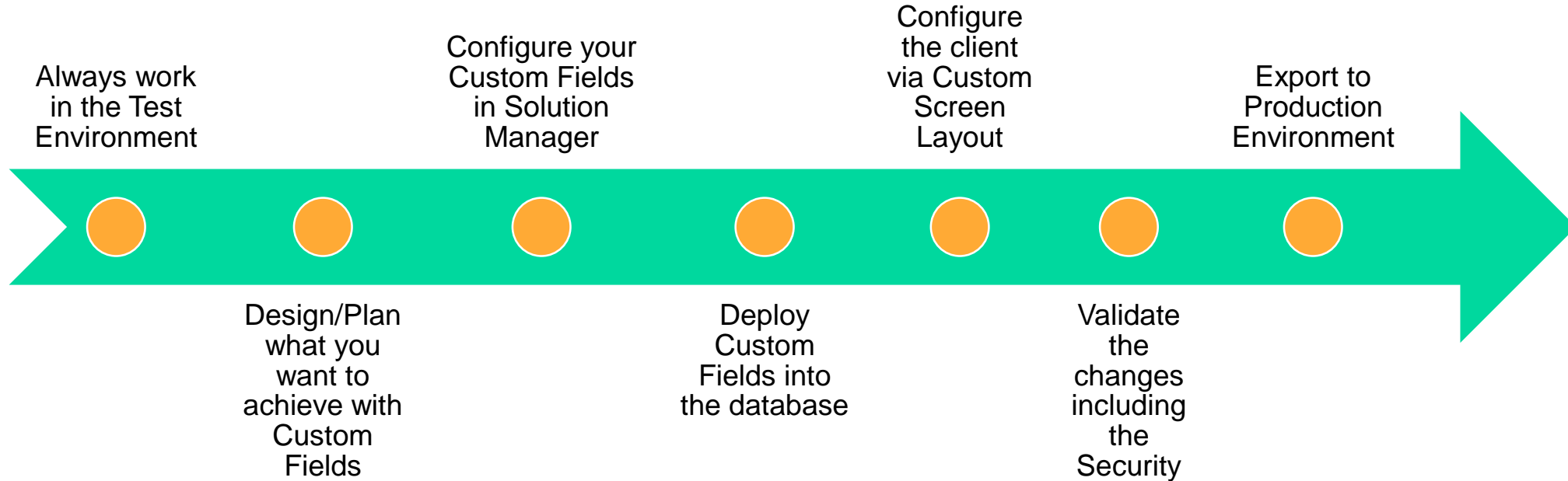| PERSISTENT	READ ONLY	LOCAL
Stored in database	Display information from elsewhere in the Application	Display information from LU

CUSTOM FIELD
INTEGRATIONS

Custom Menu

Custom Defined Events

Output

Custom Field Integrations

Quick Reports

Conditional Formatting

List Of Values

Search Dialog
•Saved Searches

IFS

CUSTOM FIELD
CREATION

Always work in the Test Environment

Configure your Custom Fields in Solution Manager

Configure the client via Custom Screen Layout

Export to Production Environment

Design/Plan what you want to achieve with Custom Fields

Deploy Custom Fields into the database

Validate the changes including the Security

IFS

CUSTOM FIELD
ARCHITECTURE

Logical Unit X

Master LU objects

Custom Fields LU objects

IFS Client

Package X_API

View X

Package X_CFP

View X_CFV

Table
X_TAB

Rowkey

Table
X_CFT
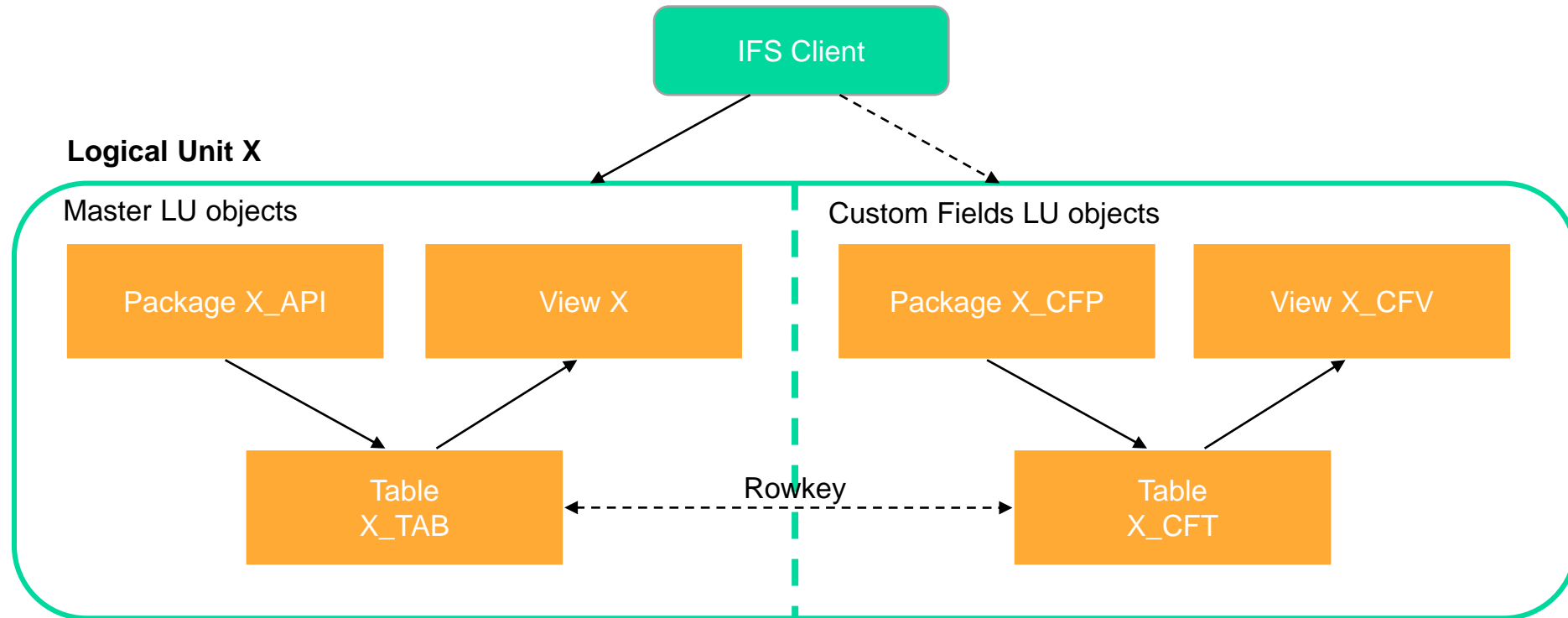
No risk to affect Core, Custom Fields are stored in "shadow LU:s"

CUSTOM

MENU

IFS

CUSTOM MENU

GENERAL

WHAT IT IS?

- If the Applications users have need for additional actions to be performed in a window, the administrator can configure new actions to be available in the context menu

BENEFITS

- Custom Menus provide the flexibility to the Applications users to meet their business needs without going for customizations

DIFFERENT TYPES OF CUSTOM MENUS

Create Window	A new window will be opened
Create Window with Transfer	As Create Window, but the Keys from the current window will be passed to the destination window
External Program	Starts an external program
PL/SQL Block	Executes a PL/SQL block
Quick Report	The Quick Report specified in the Parameter field will be executed
Report	The Order Report dialog is opened and populated with the report specified in the Parameter field
State Machine	An Event will be sent to the state machine for the LU associated with the form
URL	Performs a navigate to the URL specified in the Parameter field
User Method	The UserMethod () function in the window will be called

IFS

CUSTOM

EVENT

IFS

CUSTOM EVENT

GENERAL

WHAT IT IS?

Used to perform an action when something is triggered

DIFFERENT KINDS OF ACTIONS WHEN EVENT IS TRIGGERED

- E-Mail
- Execute Online SQL
- Application Message
- Task
- Start Workflow
- Stream Message

DIFFERENT TYPES OF EVENTS ARE AVAILABLE

- Applications defined

  Pre-defined Events are included in the code base and installed during the installation process

- Custom defined

  These Events are created at the customer site as a configuration step of IFS Applications

IFS

CUSTOM EVENT

ACTION TYPES

E-mail	Sends an e-mail with standard text and variables from Business Object to User
Execute online SQL	Execute a SQL statement online that can create, update and modify records
Streams	Creates a new Stream message
Application message	Send an XML message to external application through IFS Connect
Task	Creates a Task for one or many Application Users

IFS

CUSTOM EVENT
BENEFITS

RESPOND TO BUSINESS EVENTS

- Complement to existing Application Defined Events
- Range of Actions (e-mail, sms, xml, subscription, IFS Connect)

AUTOMATED ACTIONS

- Creation, modification, or removal of objects
- State transition

USE AND TRANSFER INFORMATION

- Information on the Object itself
- Hooks to "go get" additional information

#forthechallengers