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Systems make it possible...  
People make it happen

## mSCOA – eThekweni Case Study

ORACLE

EOH



- ▲ Background
- ▲ Understanding requirements
- ▲ Technical Solution
- ▲ Proof of Concept
- ▲ What we Achieved
- ▲ Oracle commitment

- ▲ Engagement with eThekweni
  - Scope of upgrade project
  - mSCOA impact on Project
  - Governance & Controls
  - Planning impact

**Team approach between Oracle, eThekweni & EOH  
in solution design**

- ▲ Business requirement, was to understand:
  - Difference between SCOA and Standard Chart of Accounts
  - Followed by a detailed understanding of mSCOA and National Treasury requirements
  - The mSCOA terminology
    - Long code
    - Short code
    - GUID code
  - The 7 Segments-
    - Function / Municipal classification, Item, Fund, Project, Costing, Region,
      - And the meaning and how to apply them

- ▲ Collectively the team:
  - Understood
    - the mSCOA Business requirement
    - this was **NOT** a mapping exercise
  - The Key understanding being...

**Details must be held at TRANSACTIONAL level in  
the General Ledger**

- ▲ Key Objectives were to ensure that....
  - The changes made were not intrusive
  - The upgrade path was not to be compromised
  - We were to use the JD Edwards development tools to develop the solution
  - System integrity would to be maintained
  - To comply with standard JDE, ensuring the use of
    - JDEdwards reports
    - JDEdwards enquiries
    - JDEdwards integrity processes
  - An easily configurable approach to application
  - Design that allowed for further enhancements & changes

- Where this all took us.....

# SCOA Information Stored



Code	ST	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11	S12	PA	BA	Definition	LOD
14000	FX	004	001	002	000	000	000	000	000	000	000	000	000	Y	N	All costs for Municipal N	4
14001	FX	004	001	002	000	000	000	000	000	000	000	000	000	Y	N	All costs for Municipal N	4
14002	FX	010	001	005	000	000	000	000	000	000	000	000	000	Y	N	Provides for Economic Pl	4
15001	FX	013	001	002	000	000	000	000	000	000	000	000	000	Y	N	Municipal Parks and Rec	4
15002	FX	013	001	002	000	000	000	000	000	000	000	000	000	Y	N	Municipal Parks and Rec	4
15003	FX	013	001	002	000	000	000	000	000	000	000	000	000	Y	N	Municipal Parks and Rec	4
15004	FX	005	001	007	000	000	000	000	000	000	000	000	000	Y	N	All activities relating to i	4
15006	FX	013	001	002	000	000	000	000	000	000	000	000	000	Y	N	Municipal Parks and Rec	4
15007	FX	001	002	016	000	000	000	000	000	000	000	000	000	Y	N	Non-core functions as de	4

LOD	Description	Level 1	Level 2	Level 3	Level 4	Level 5
4	DCM:COMMUNITY & EMERGENC	204	21	226		
4	DCM:HEALTH & SOCIAL SERVICES	204	21	226		
4	EXPANDED PUBLIC WORKS PROG	210	21	211		
4	EXECUTIVE / HUMAN RESOURCES	213	21	208		
4	EXECUTIVE	213	21	208		
4	MISCELLANEOUS	213	21	208		
4	INFORMATION SERVICES	205	21	219		
4	EXECUTIVE:IWC - PARKS	213	21	208		
4	ARTS & CULTURE	201	22	227		



# Example: Procurement Process

Business

Procurement

Finance

ORACLE

✓ ✕ ⚙ Form ⌵ Row ⚙ Tools

Order Detail | Line Defaults | Additional Properties | Category Codes

Order Number	5043	OP	00001	Branch/Plant	30
Supplier	3480	Digger Enterprises		Order Date	03/09/2015
Ship To	6031	Eastern Distribution Center		<u>Order Attachment</u>	
Hold Code					
Retainage %					
Currency	USD	Exchange Rate		Base	USD <input type="checkbox"/> Foreign

Records 1 - 2

<input type="checkbox"/>		Change Order	Function / Municipal	Item	Fund	Project	Costing	Region	Description 1	Ln Ty	Extended Cost
<input type="checkbox"/>		000		30 8730	0024	000320	0000	0001	Freight Services	J	1,000.00
<input type="checkbox"/>											



Pay Voucher







- ▲ Presented our solution to:
  - eThekweni mSCOA project team
  - eThekweni Steering Committee
  - National Treasury
  
- .....we received a sign off from all parties

- ▲ Maintained standard system integrity
- ▲ Developed a Concept that would minimise changes to standard functionality
- ▲ Plug n Play solution ~ developed as an extension
- ▲ System processes remain standard
  - Inquiries
  - Integrities
  - Reporting

## ▲ This solution will ...

- Be part of future localization for JD Edwards mSCOA
- Oracle is fully Supporting the solution
- Fully Upgradable
- Oracle is validating the solution

## ▲ Questions



**Thank You**