ERICSSON

IMS 12 SYSTEM & PRODUCTS

TRAINING PROGRAMS

IS YOUR ORGANIZATION READY FOR IMS 12?

IMS RELATED PORTFOLIO

Solutions

- Mobile Telephony Evolution
- BB Communication Evolution
- PSTN Transformation
- Ericsson Rich Communication Suite
- Multimedia RingBack

Application Servers and Enablers

- MPS
- VPN
- PGM (Covered)
- MSP
- MTAS (Covered)
- MIO
- PGS
- BCS

User Data and Control Plane

- CUDB
- HSS/SLF (Covered)
- CSCF (Covered)
- IP Works (Covered)
- MGC (Covered)
- MRFC

Media Plane incl. Multi Access Edge and Interworking

- MRS (Covered)
- SBG (Covered)
- MRFP
- IS MGW (Covered)
- SAPC
- TSS
- MSS
- EDA

Covered — Nodes covered in this presentation

xDSL | Fibre | Cable | HSPA | LTE

Global Services

Support Systems

- OSS-RC
- EMA
- Char Sys
- MM

SUPPORTED SERVICE DELIVERY METHODS

ICON	DELIVERY METHOD
	INSTRUCTOR LED TRAINING (ILT)
	WORKSHOP (WS)
LIVE	VIRTUAL CLASSROOM TRAINING (VCT)
	ELEARNING (WBL)
	SHORT ARTICLE (SA)
	STRUCTURED KNOWLEDGE TRANSFER (SKT)
	MLEARNING
JDA	JOB DUTY ANALYSIS
CGA	COMPETENCE GAP ANALYSIS

LEVELS

1 Basic Introduction

2 Technical Overview

3 Platforms

4 Surveillance and Operation & Configuration

TARGET AUDIENCES

Fundamentals

Fundamentals

Operations Center

Front Office:

- System Technician
- Service Technician

Back Office:

- System Engineer
- Service Engineer

Planning, Design and Deployment Center

Planning and Design Center:

- Service Planning Engineer
- Service Design Engineer
- Network Design Engineer

Deployment Center:

- Network Deployment Engineer
- Service Deployment Engineer

TRAINING PER TARGET AUDIENCE

FUNDAMENTALS

Fundamentals

Fundamentals

1 Basic Introduction

2 Technical Overview

IMS 12 Overview
LZU1088749

VoLTE using MMTel
LZU1087966

RCS-e System Survey
LZU1089133

TRAINING PER TARGET AUDIENCE

PLANNING, DESIGN AND DEPLOYMENT CENTER

Planning, Design and Deployment Center

Planning and Design Center:

- Service Planning Engineer
- Service Design Engineer
- Network Design Engineer

Deployment Center:

- Network Deployment Engineer
- Service Deployment Engineer

1 Basic Introduction

2 Technical Overview

4 Surveillance and Operation & Configuration

IMS 12 Overview
LZU1088749

IMS Signalling
LZU1087193

MMTel 12 Provisioning
LZU1089067

VoLTE using MMTel
LZU1087966

RCS-e System Survey
LZU1089133

TRAINING PER TARGET AUDIENCE

OPERATIONS CENTER: FRONT AND BACK OFFICE

Operations Center

Front Office:

- System Technician
- Service Technician

Back Office:

- System Engineer
- Service Engineer

1 Basic Introduction

2 Technical Overview

3 Platforms

IMS 12 Overview
LZU1088749

IMS Signaling
LZU1087193

RCS-e System Survey
LZU1089133

VoLTE using MMTel
LZU1087966

IS 3.1 Overview
LZU1087566

IS 3.1 Operation and Configuration
LZU1087567

TSP 6.0 Overview
LZU1087339

TSP 6.0 Operation and Maintenance
LZU1087341

Steps 1, 2 and 3 are mandatory before step 4

TRAINING PER TARGET AUDIENCE

OPERATIONS CENTER: FRONT OFFICE

Operations Center

Front Office:

- System Technician
- Service Technician

1 Basic Introduction

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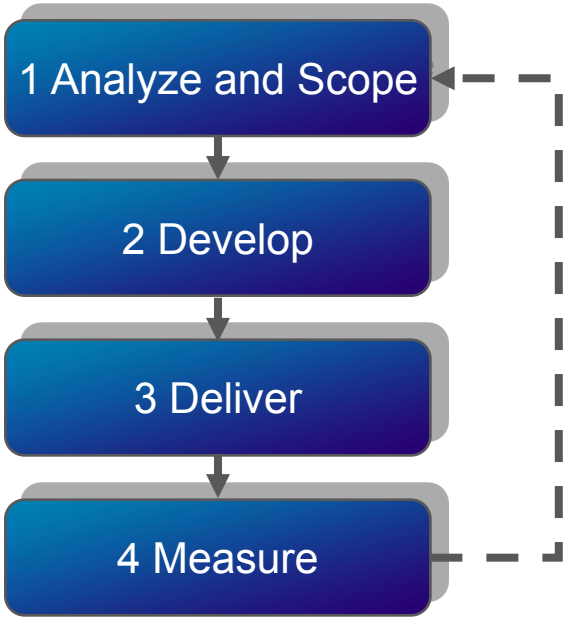
3 Platforms

4 Surveillance and Operation & Configuration

Structured Knowledge Transfer on HSS, CSCF, IPWorks, SBG, MGC, MGW, MTAS, SAPC, CUDB

Training Scoping Analysis



TRAINING PER TARGET AUDIENCE

OPERATIONS CENTER: BACK OFFICE

Operations Center

Back Office:

- System Engineer
- Service Engineer

1 Basic Introduction

2 Technical Overview

3 Platforms

4 Surveillance and Operation & Configuration

MMTel 12 Provisioning
LZU1089067

IMS Core Nodes

UDC Overview
LZU1088506

CUDB Operation and Service Configuration
LZU1088507

IP Works 12 Operation and Maintenance for IMS
LZU1088751

CSCF 12 and HSS/SLF 12 Operation and Configuration
LZU1088745

SAPC Operation and Configuration
LZU1088551

Please refer to the course descriptions (1550s) for a detailed list of prerequisites

Interworking Nodes

SBG 12 Operation and Configuration for IMS
LZU1088750

MGC 12 Operation and Configuration for IMS
LZU1088747

IS MGW 12 Operation and Configuration for IMS
LZU1088748

MRS 12 Operation and Configuration
LZU1088999

Application Server

MTAS 12 Operation and Configuration
LZU1088744

Advanced Training

IMS Operation and Maintenance Advanced
LZU1087209

IMS TRAINING PORTFOLIO SUMMARY

	Number	Length	Method
IMS 12 Overview	LZU1088749	1 day	ILT

Course Name	Number	Length	Method
IMS Signaling	LZU1087193	3 days	ILT
VoLTE using MMTel	LZU1087966	1 day	ILT/WS
RCS-e System Survey	LZU1089133	1 day	ILT

IMS TRAINING PORTFOLIO SUMMARY

Course Name	Number	Length	Method
IS 3.1 Overview	LZU1087566	1 day	ILT
IS 3.1 Operation and Configuration	LZU1087567	2 days	ILT
TSP 6.0 Overview	LZU1087339	1 day	ILT
TSP 6.0 Operation and Maintenance	LZU1087341	4 days	ILT

IMS TRAINING PORTFOLIO SUMMARY

Course Name	Number	Length	Method
SBG 12 Operation and Configuration for IMS	LZU1088750	3 days	ILT
MGC 12 Operation and Configuration for IMS	LZU1088747	3 days	ILT
IS MGW 12 Operation and Configuration for IMS	LZU1088748	1 day	ILT
IP Works 12 Operation and Maintenance for IMS	LZU1088751	2 days	ILT
UDC Overview	LZU1088506	2 days	ILT
CUDB Operation & Service Configuration	LZU1088507	2 days	ILT
CSCF 12 and HSS/SLF 12 Operation and Configuration	LZU1088745	5 days	ILT
MRS 12 Operation and Configuration	LZU1088999	4 days	ILT
MTAS 12 Operation and Configuration	LZU1088744	3 days	ILT
SAPC Operation and Configuration	LZU1088551	3 days	ILT
MMTel 12 Provisioning	LZU1089067	2 days	ILT
IMS Operation and Maintenance Advanced	LZU1087209	3 days	ILT

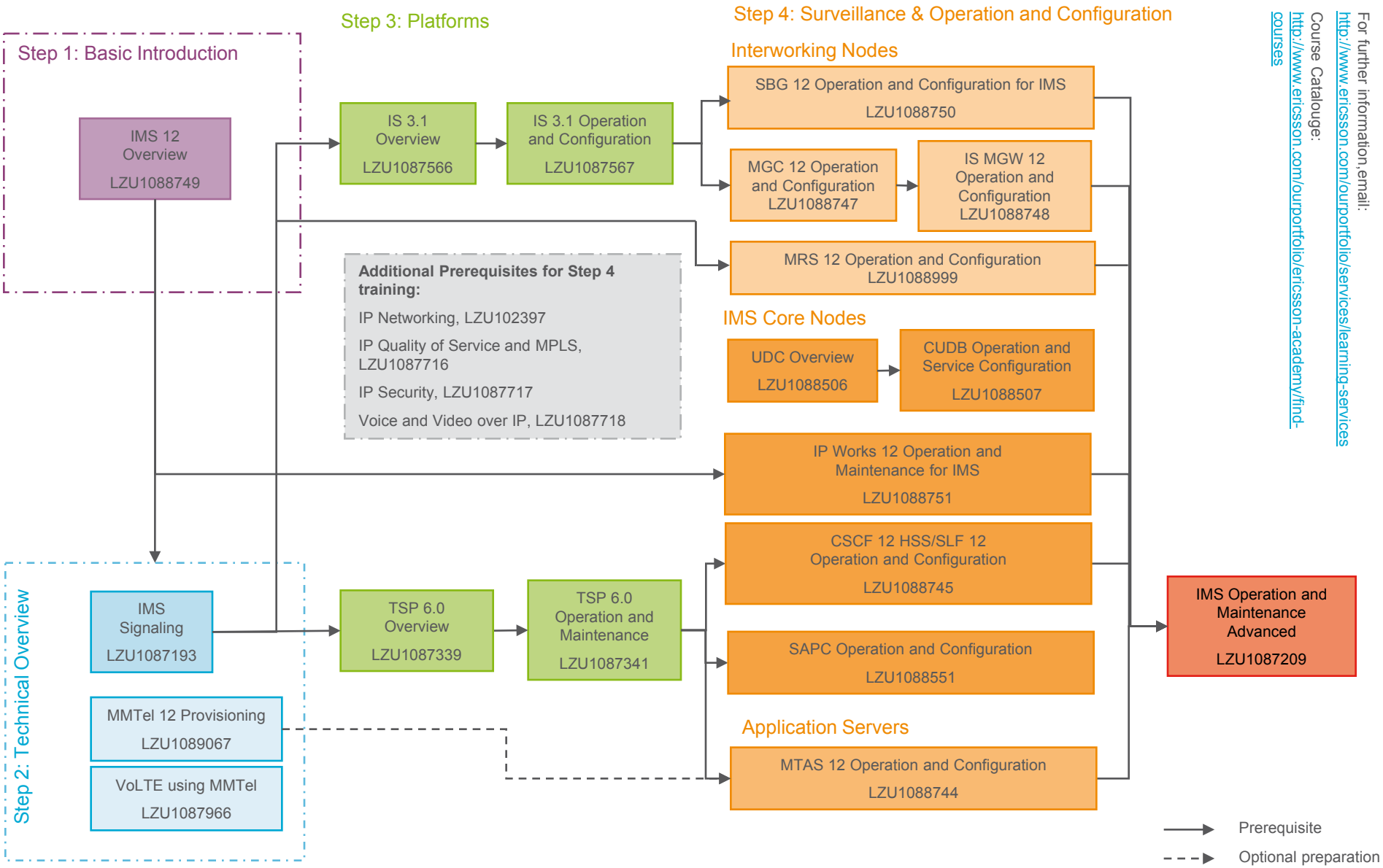
RELATED TRAINING

Course Name	Number	Length	Method
MM 7.2 File and Event Surveillance	LZU1088588	1 day	ILT
MM 7.2 File and Event Processing and Configuration	LZU1088589	3 days	ILT
MM 7.2 File and Event Advanced Configuration	LZU1088590	4 days	ILT
OSS RC 10.3 System Administration for IMS	LZU1088222	5 days	ILT
EMA 6.2 Overview	LZU1088453	1 day	ILT
EMA 6.2 Provisioning and Operation	LZU1088455	3 days	ILT

ADDITIONAL PREREQUISITE COURSES

Course Name	Number	Length	Method
IP Networking	LZU102397	5 days	ILT
IP Quality of Service and MPLS	LZU1087716	1 day	ILT
IP Security	LZU1087717	2 days	ILT
Voice and Video over IP	LZU1087718	1 day	ILT
IPv6 Networking	LZU1087424	2 days	ILT
IPv6 Routing	LZU1087520	3 days	ILT
IPv6 Security	LZU1087522	1 day	ILT
IPv6 Quality of Service	LZU1087521	1 day	ILT

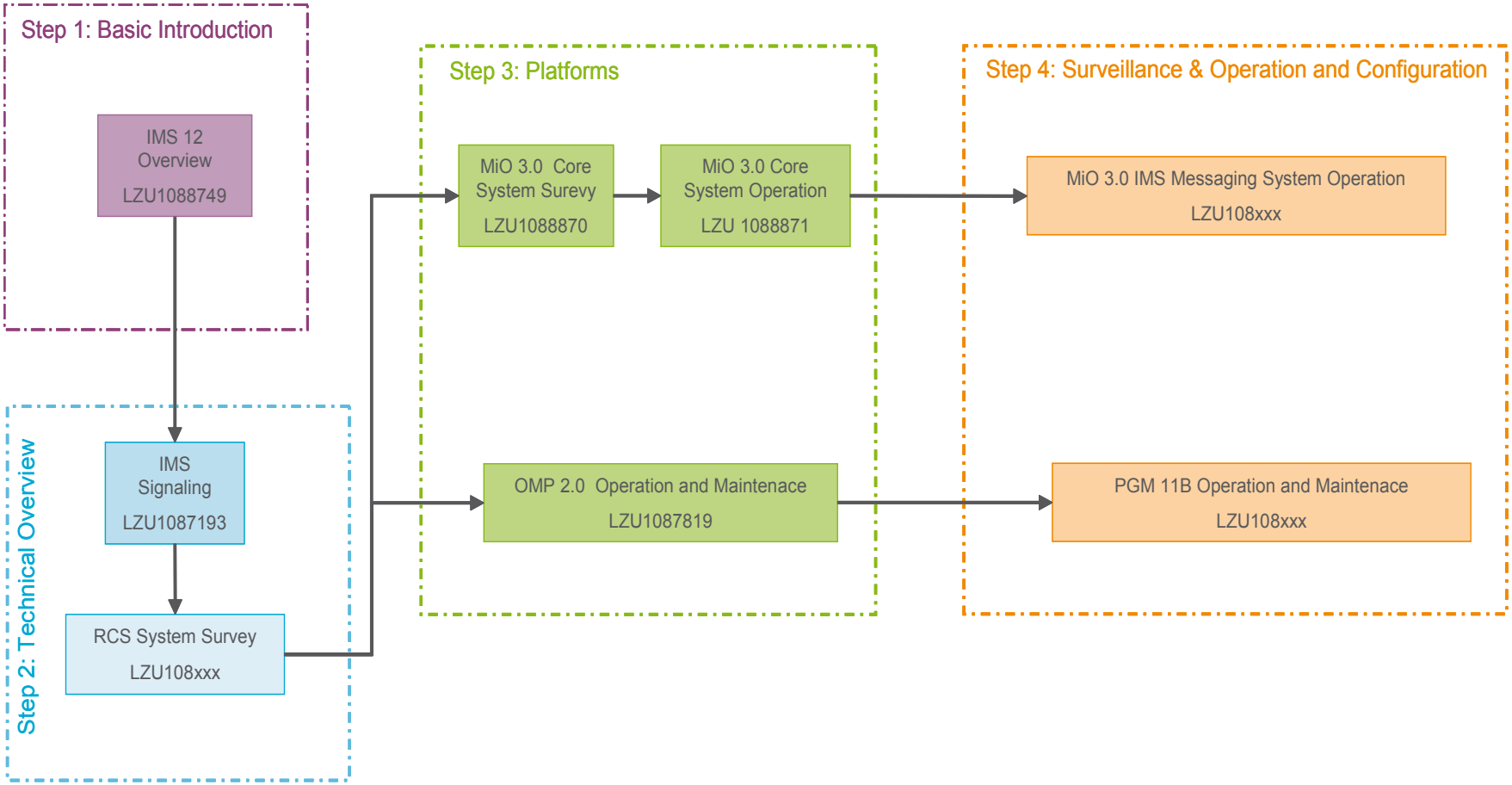
EXAMPLES OF IMS 12 SYSTEM COURSE FLOWS



For further information,email: http://www.ericsson.com/ourportfolio/services/learning-services

Course Catalouge: http://www.ericsson.com/ourportfolio/ericsson-academy/find-courses

EXAMPLE OF RCS-E SPECIFIC COURSE FLOW



Prerequisite

Note: PGM 11B Operation & Maintenance will be developed on Request

CONTACT AND FURTHER INFORMATION

- For further information about the courses in the training portfolio, please contact:
  - http://www.ericsson.com/ourportfolio/services/learning-services

- Course Catalog:
  - http://www.ericsson.com/ourportfolio/ericsson-academy/find-courses

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