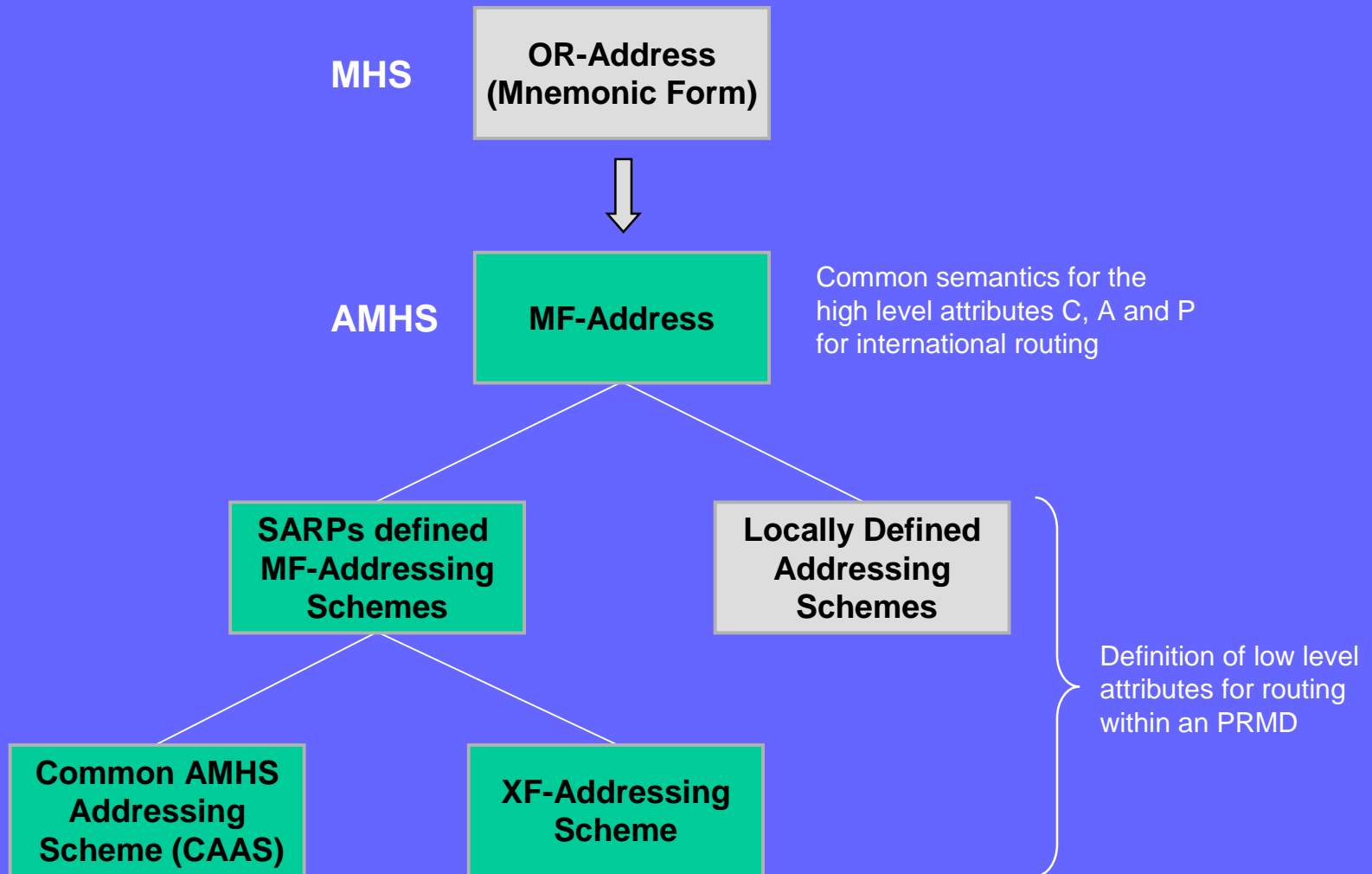


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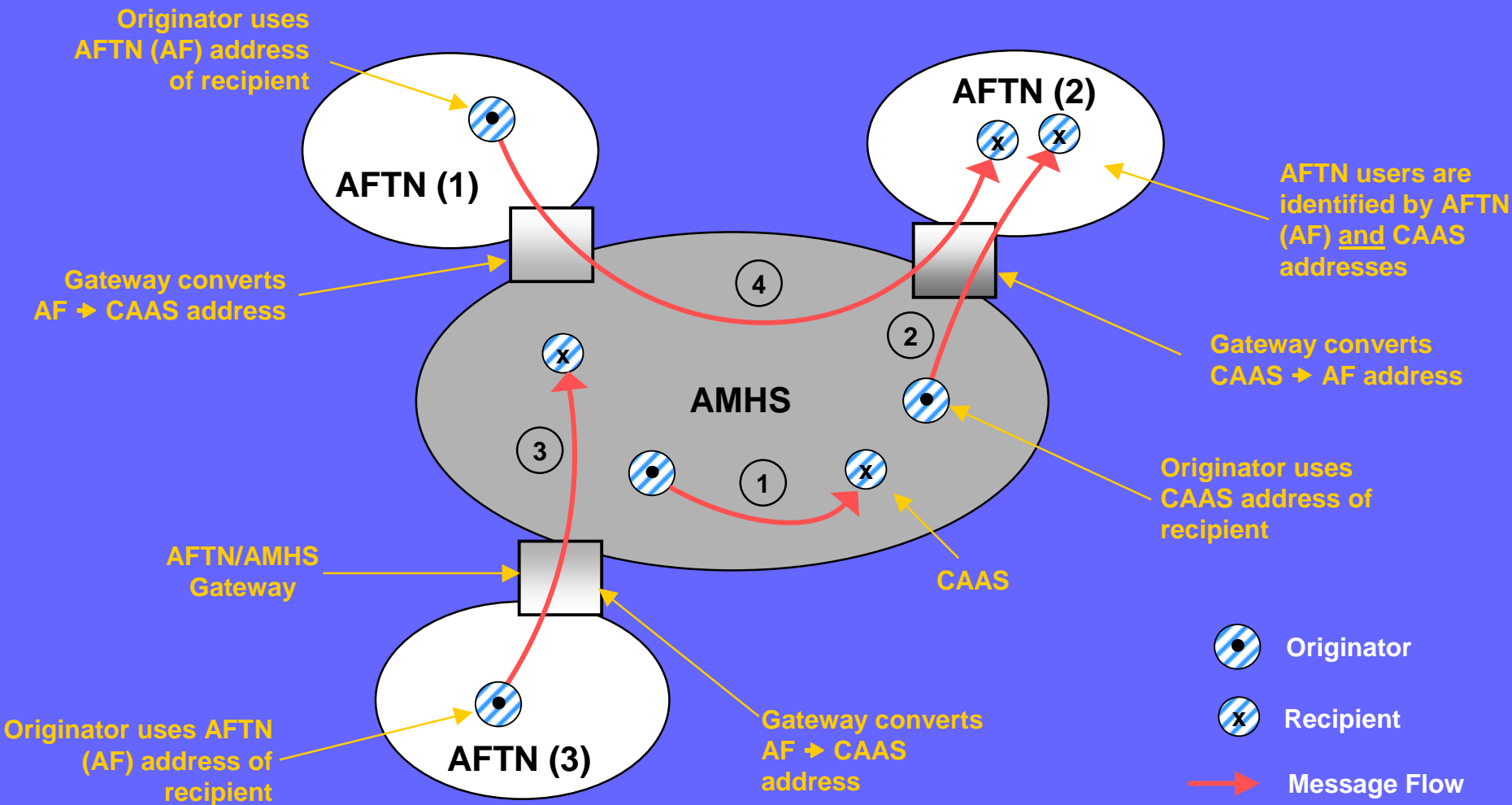
ATS Message Handling System (AMHS)

Part 1: AMHS Basics

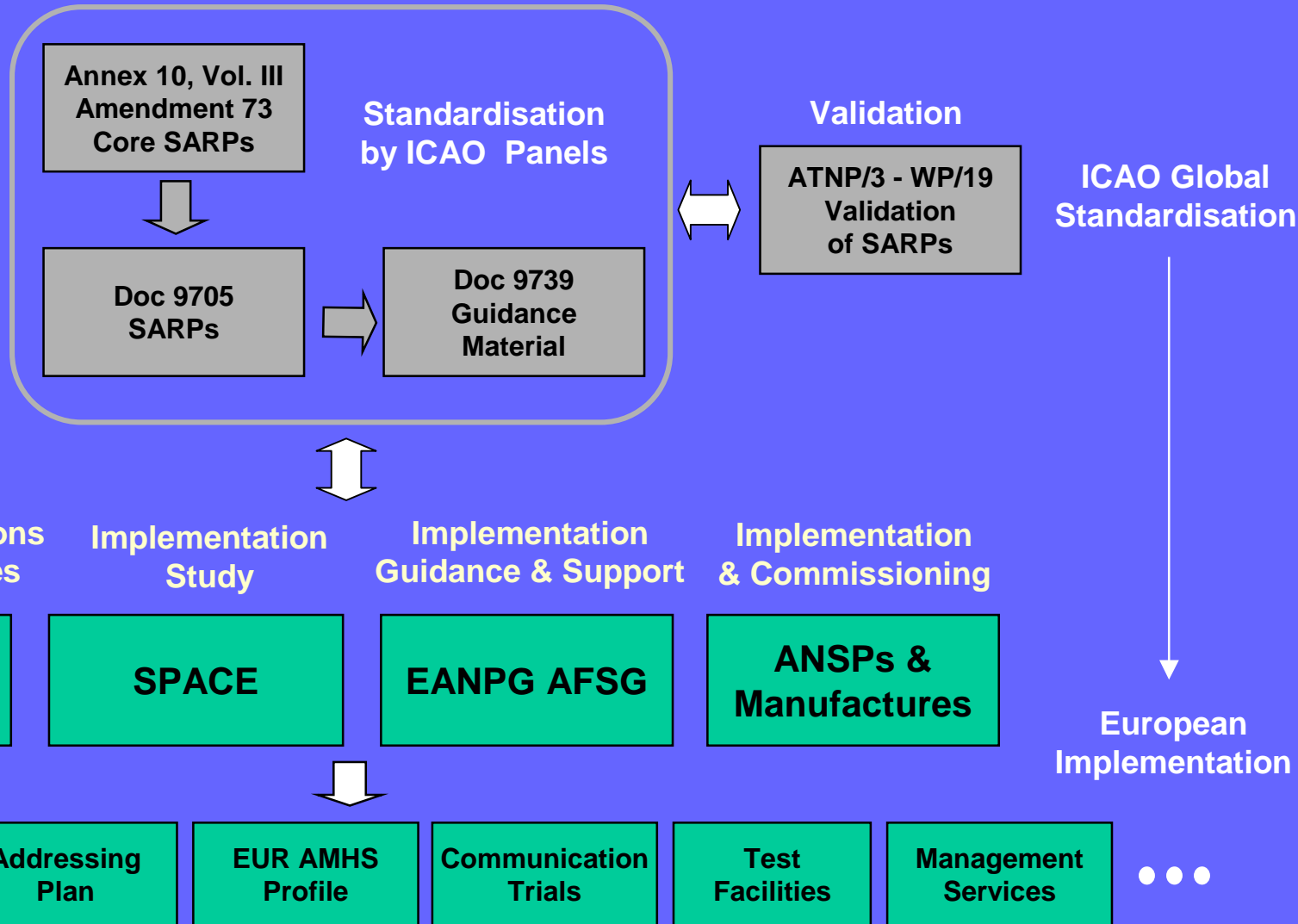
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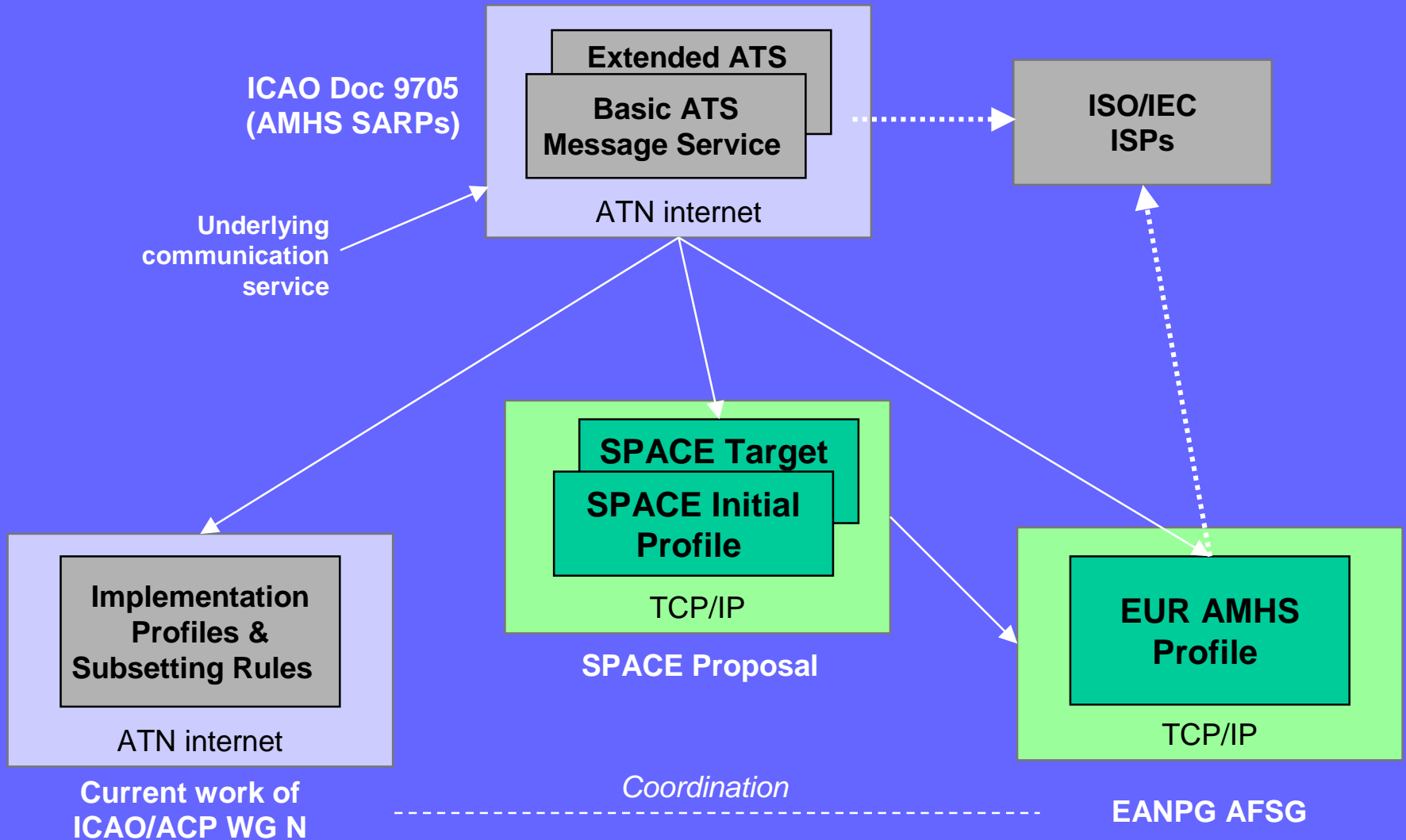
▶ AMHS Addressing – Scenario with CAAS



▶ Preparations towards the European AMHS



▶ AMHS Profiles – Global and European specifications





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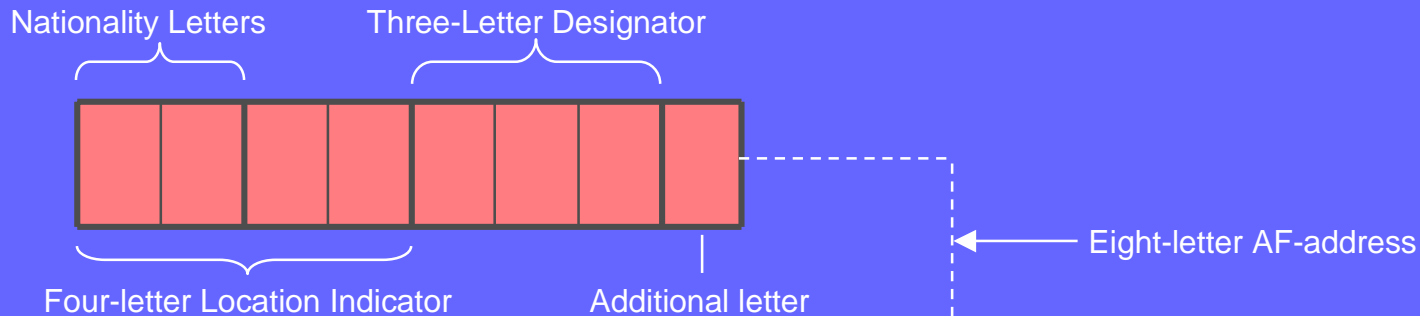
ATS Message Handling System (AMHS)

Part 2: AFTN/AMHS Gateway (Operational Aspects)

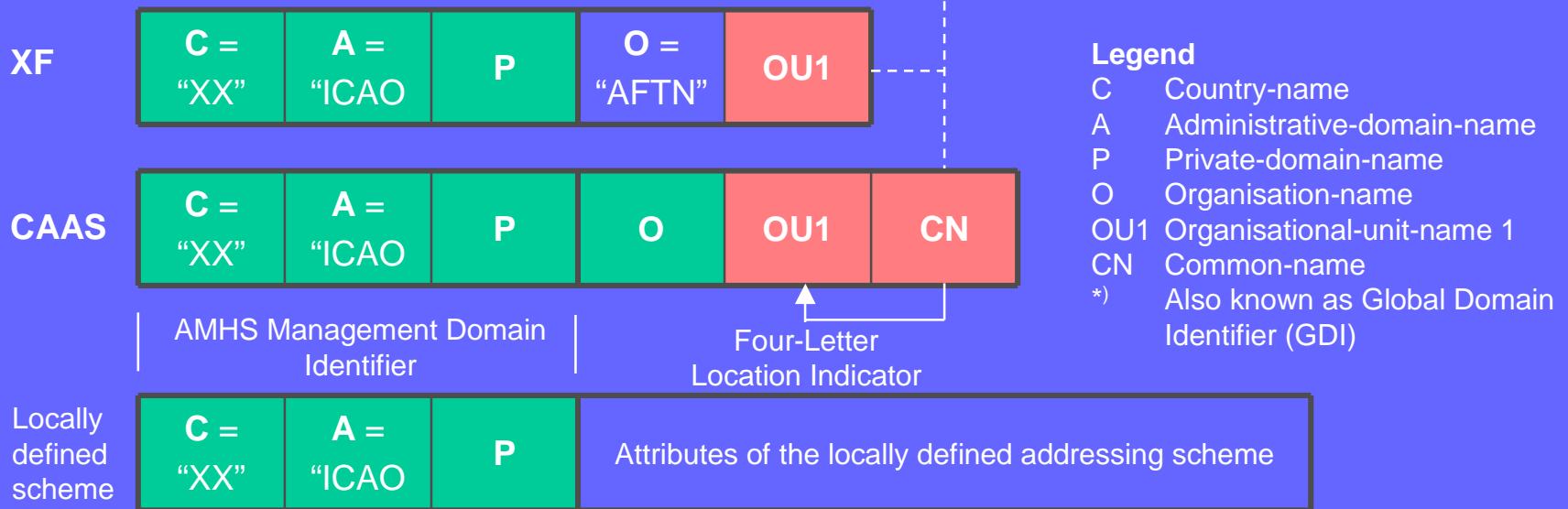
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▶ AFTN/AMHS Gateway – Handled addressing schemes

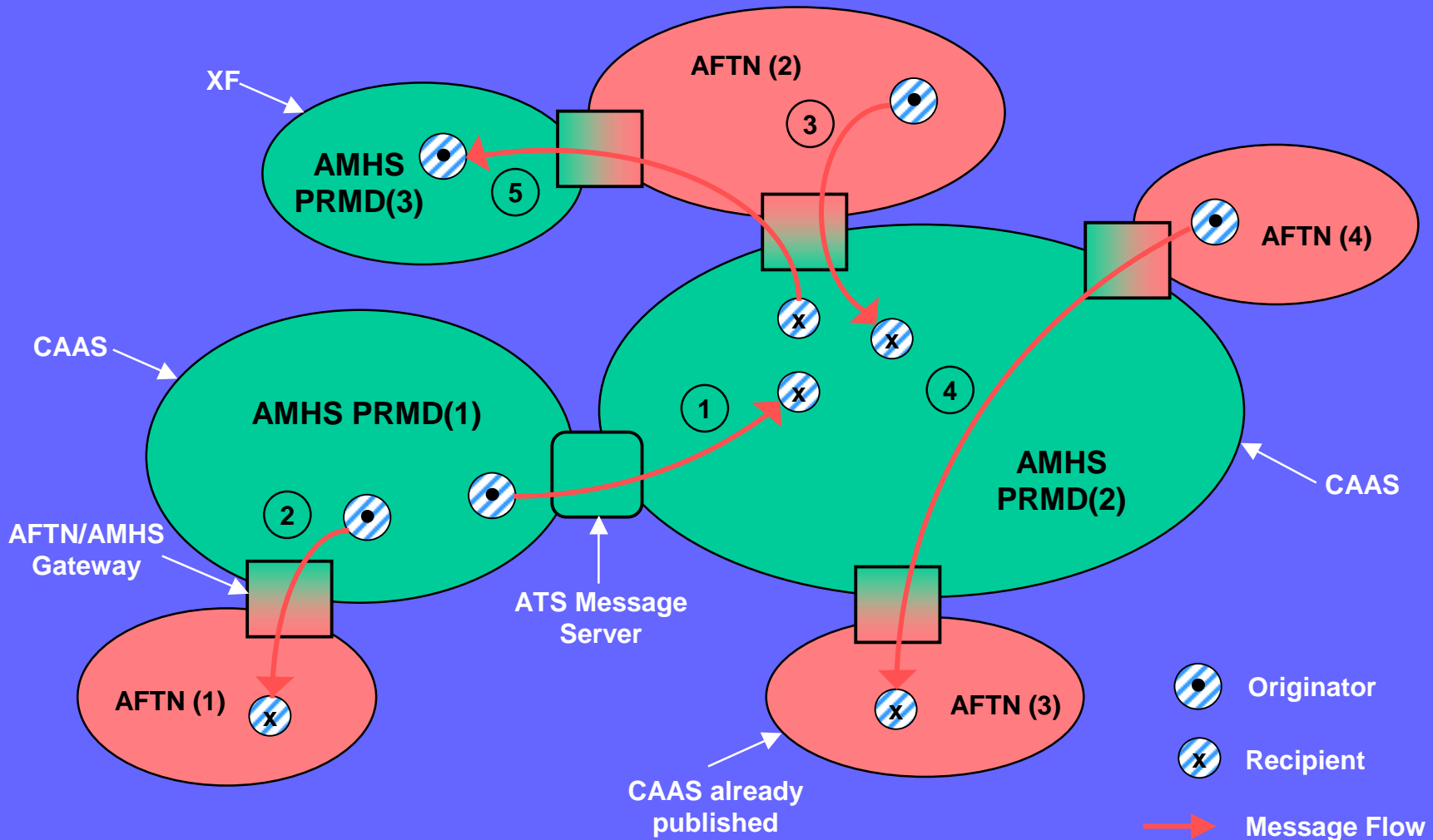
AFTN Address (AF-Address)



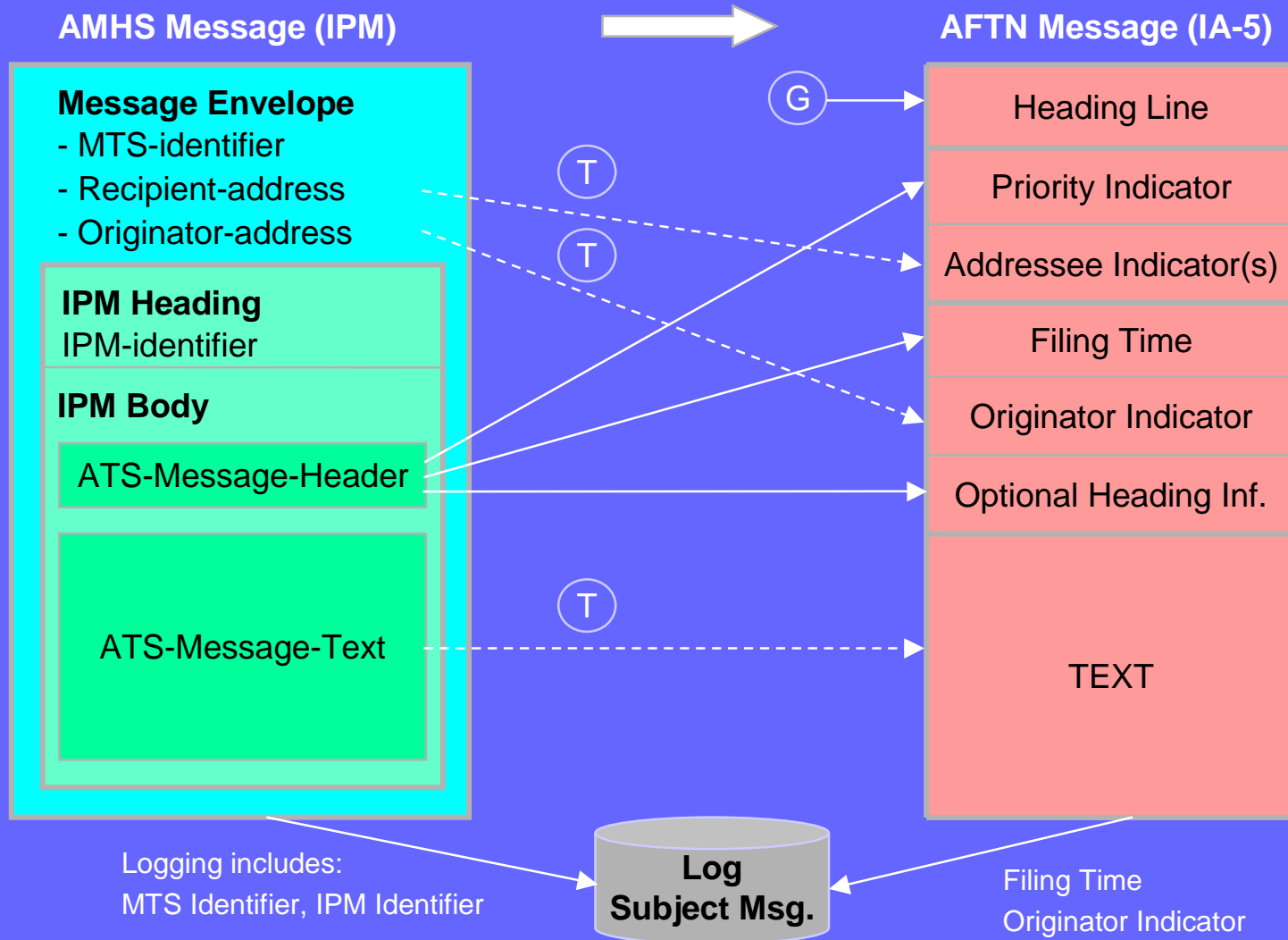
MF-Addressing Schemes



▶ AFTN/AMHS Gateway – Examples of address conversions



▶ AFTN / AMHS Gateway – AMHS IPM conversion



AFTN / AMHS Gateway – Handling of out-of-line situations (2)

No.	Event	Gateway Action		AMHS SARPs Reference
		Generation of	Control Position	
Conversion AFTN to AMHS: AFTN Acknowledgement Message (SS ACK)				
10	Subject message did not pass the gateway	IPM	√	3.1.2.3.4.3.1.1 (Ed.4)
11	Subject IPM without receipt-notification-request for given recipient	IPM	√	3.1.2.3.4.3.1.2
12	Translation of Originator Indicator fails	---	√	3.1.2.3.4.3.2.3 3.1.2.3.4.2.1.4.1
Conversion AFTN to AMHS: SVC ADS UNKNOWN				
13	Subject message did not pass the gateway	IPM	---	3.1.2.3.4.4.1.1 (Ed. 4)
14	No “unknown addressee indicator” is valid	IPM	---	3.1.2.3.4.4.1.2
15	Translation of “unknown addressee indicator” fails”	IPM	---	3.1.2.3.4.4.1.3
16	DR already sent	IPM	--	3.1.2.3.4.4.1.4
17	NDR already sent	Service message is discarded		3.1.2.3.4.4.1.5



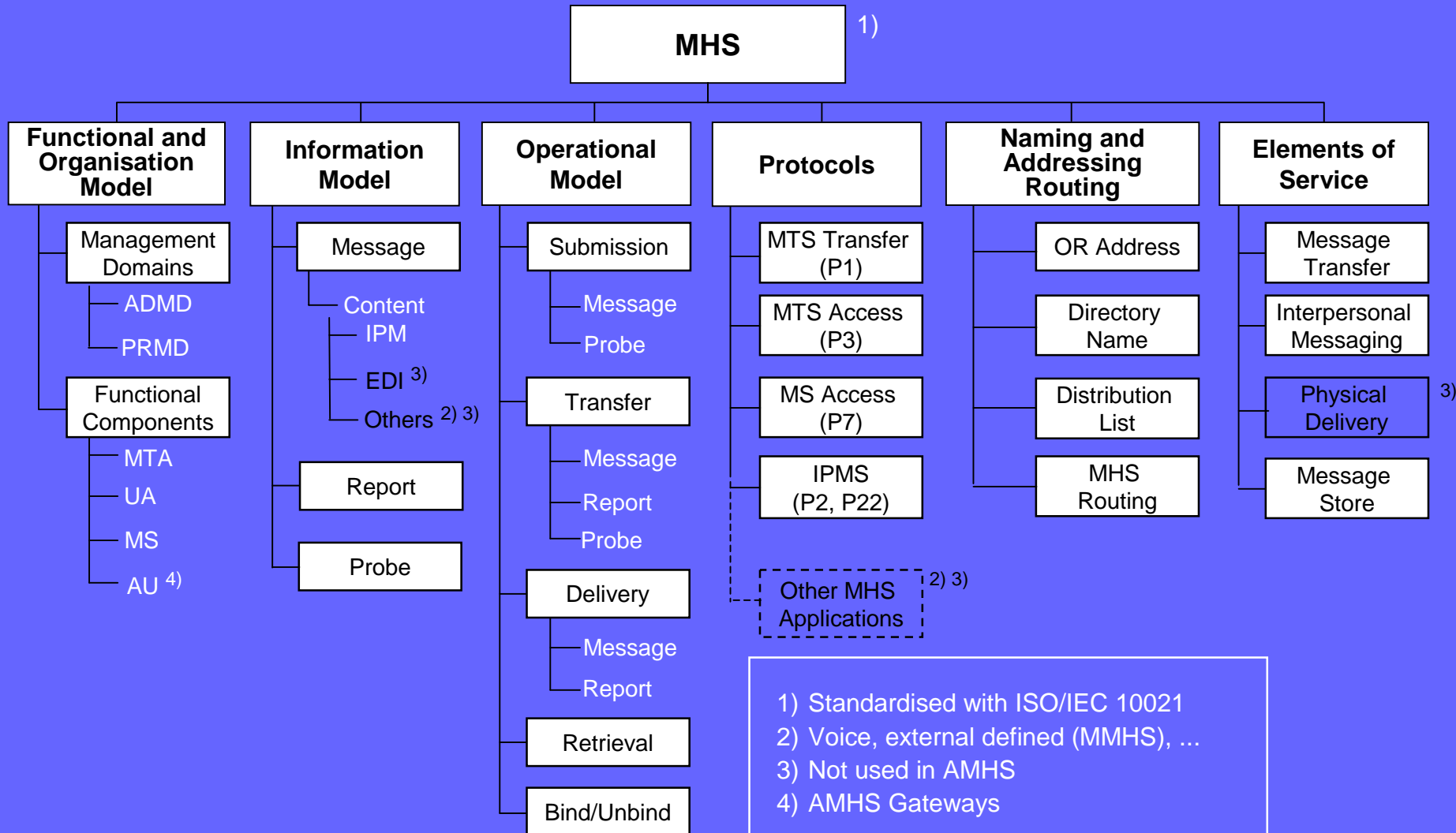
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ATS Message Handling System (AMHS)

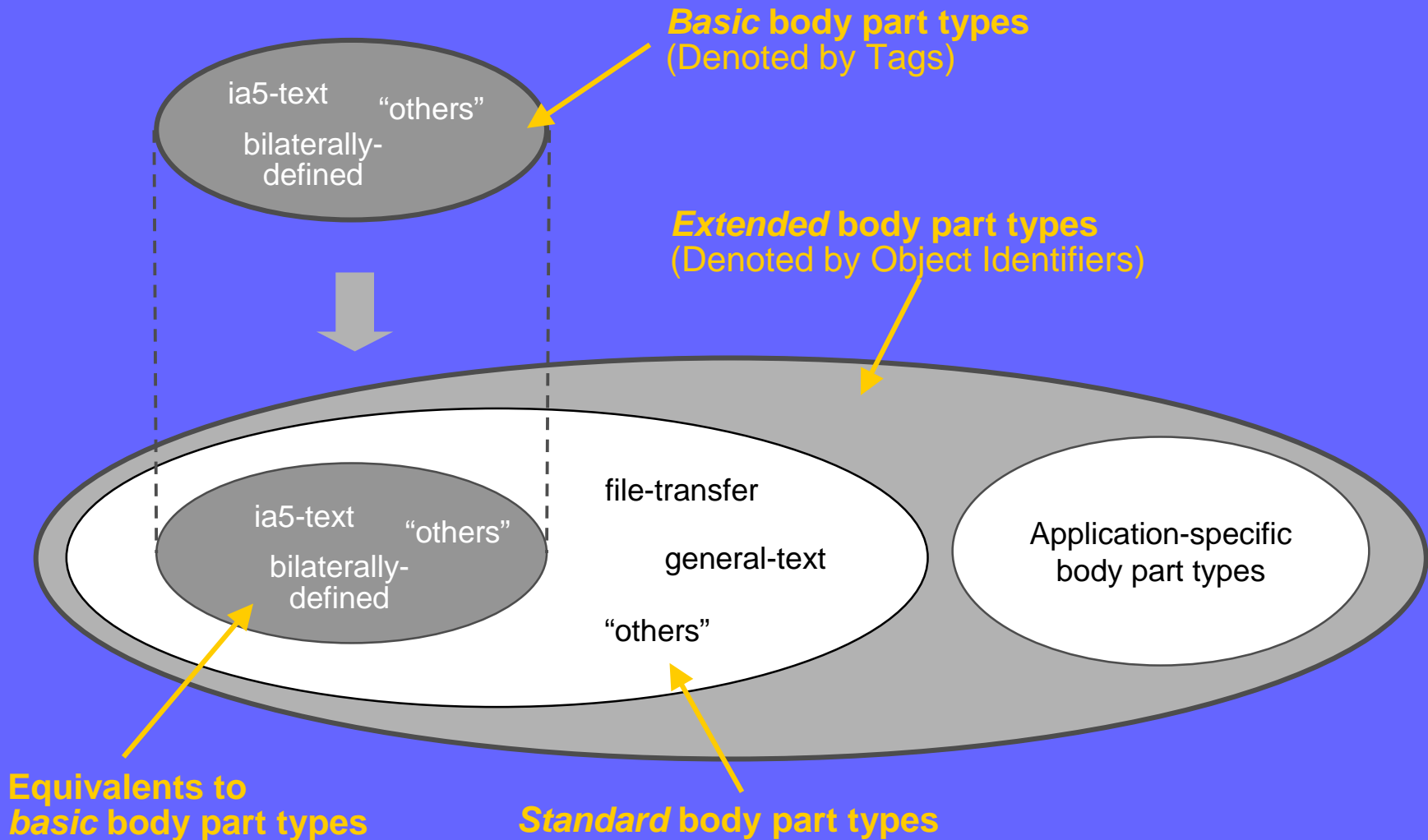
Part 3: MHS Information Objects and Procedures

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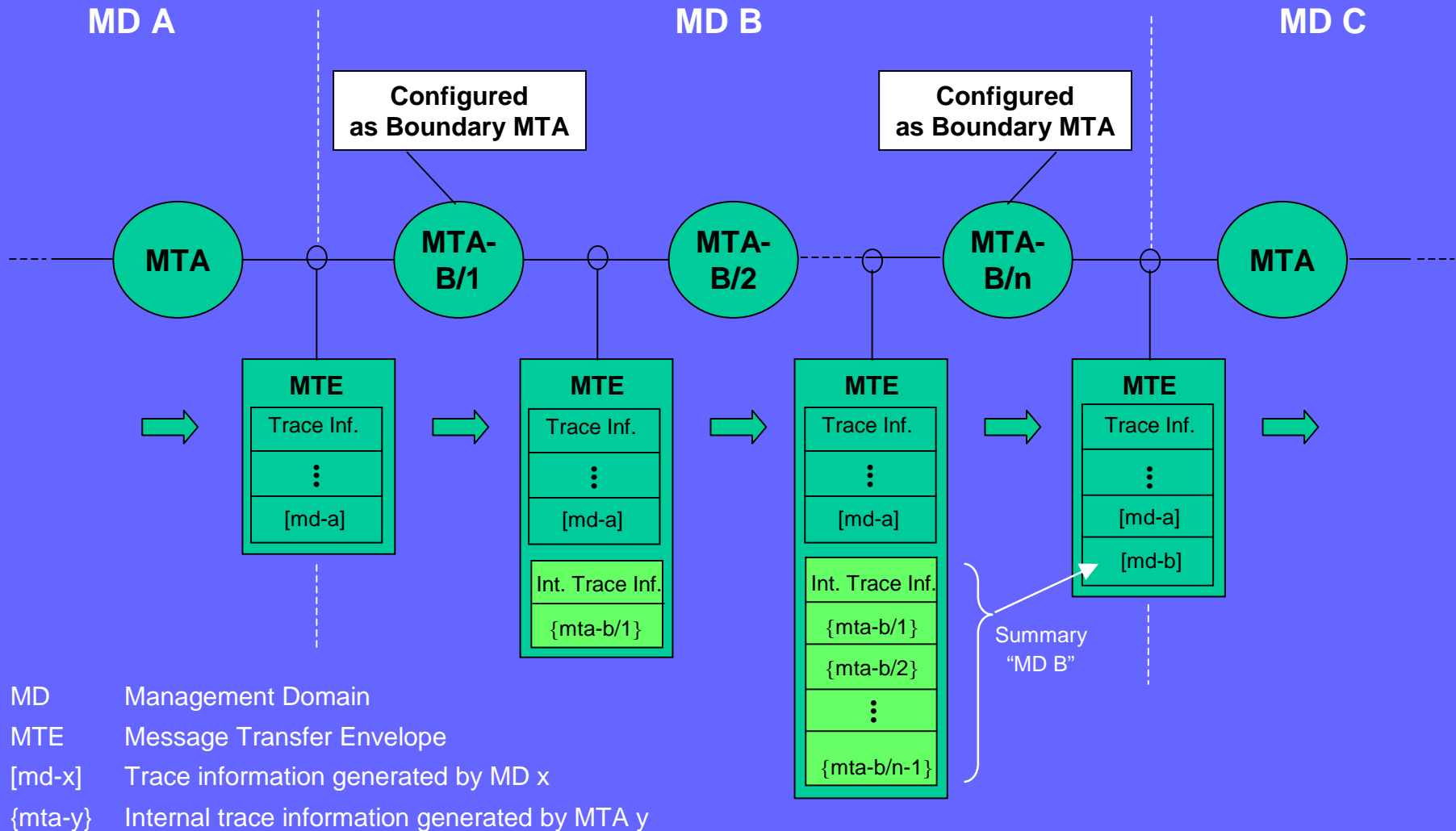
► MHS – Scope of Definition



▶ MHS / IPMS – Classification of Body Part types



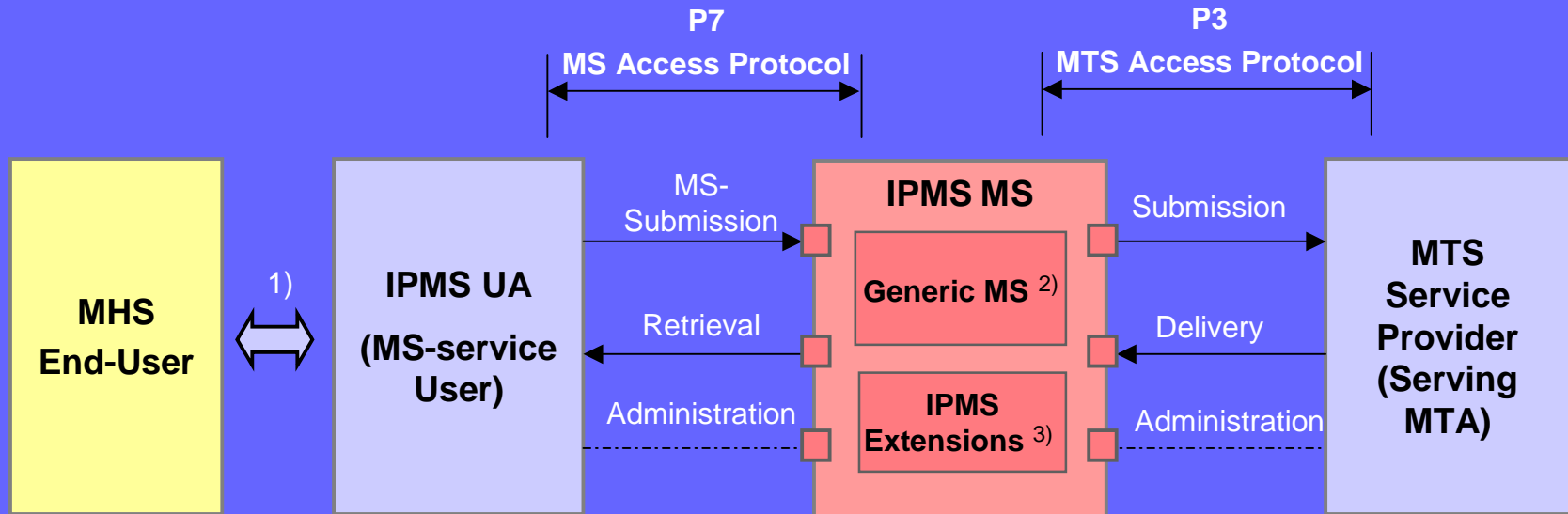
▶ MHS / MTS – Generation of Trace Information (MTE)



► MHS / MTS – Message Submission Envelope (MSE) - Selected Arguments (1)

Argument	Applies to Message or Recipient	Base Standard Presence	AMHS Requirement	Notes
Recipient Arguments				
Recipient-name	Rcpt	M	M	
Alternate-recipient-allowed	Msg	O	M	See “ MTS Redirection services“
Recipient-reassignment-prohibited	Msg	O	M	See “ MTS Redirection services“
Originator-requested-alternate-recipient	Rcpt	O	M-	See “ MTS Redirection services“
Disclosure-of-other-recipients	Msg	O	M	
DL-expansion-prohibited	Msg	O	M	See “ MTS DL- expansion “
Priority Argument				
Priority	Msg	O	M	
Conversion Arguments				
Implicit-conversion-prohibited	Msg	O	M	
Conversion-with-loss-prohibited	Msg	O	M	
Explicit-conversion	Rcpt	O	M-	

▶ MHS / MS – MTS access via Message Store (MS)



■ MS Port (Service access point)

- 1) Local implementation matter
- 2) Specified with ISO/IEC 10021-5
- 3) Specified with ISO/IEC 10021-7.



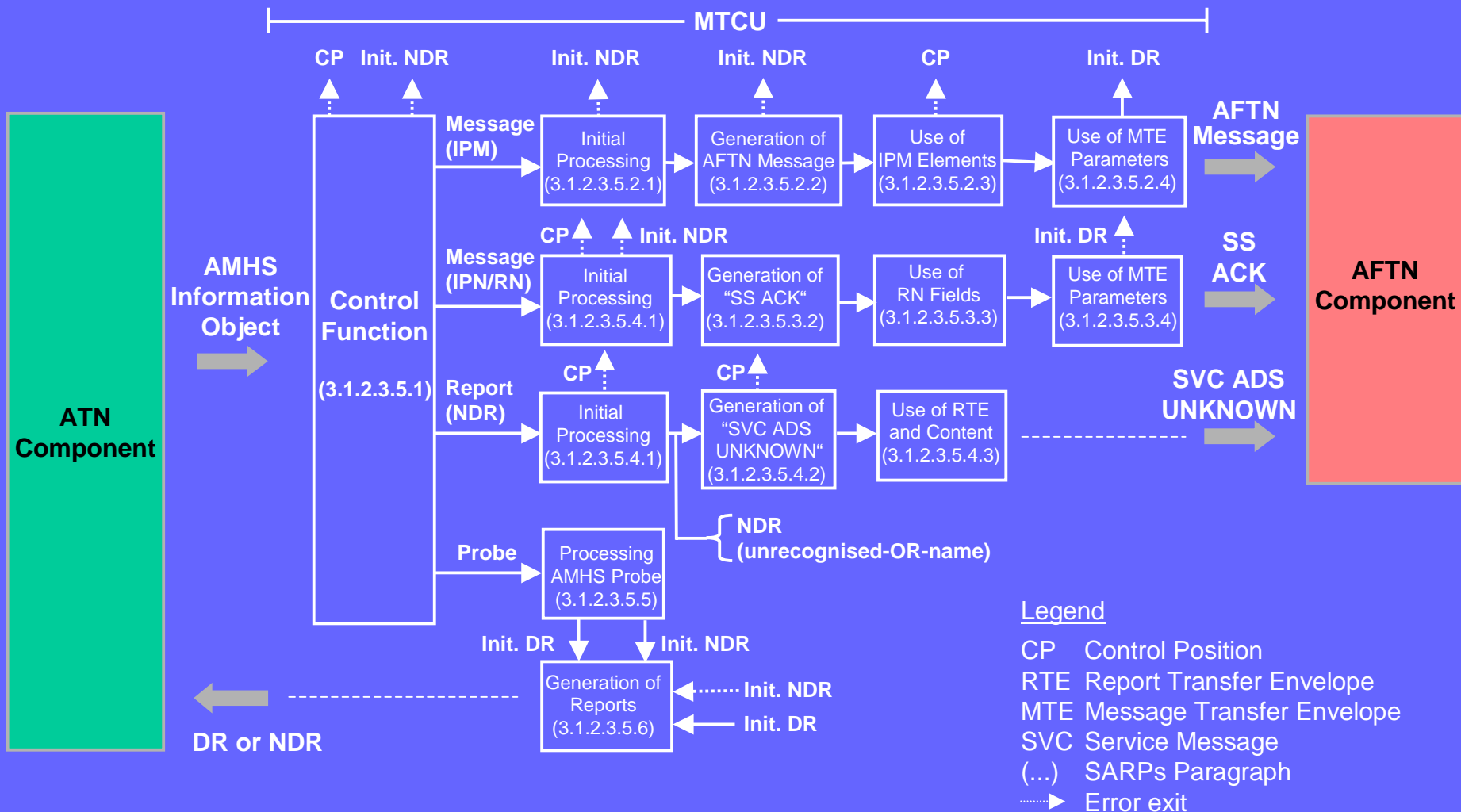
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ATS Message Handling System (AMHS)

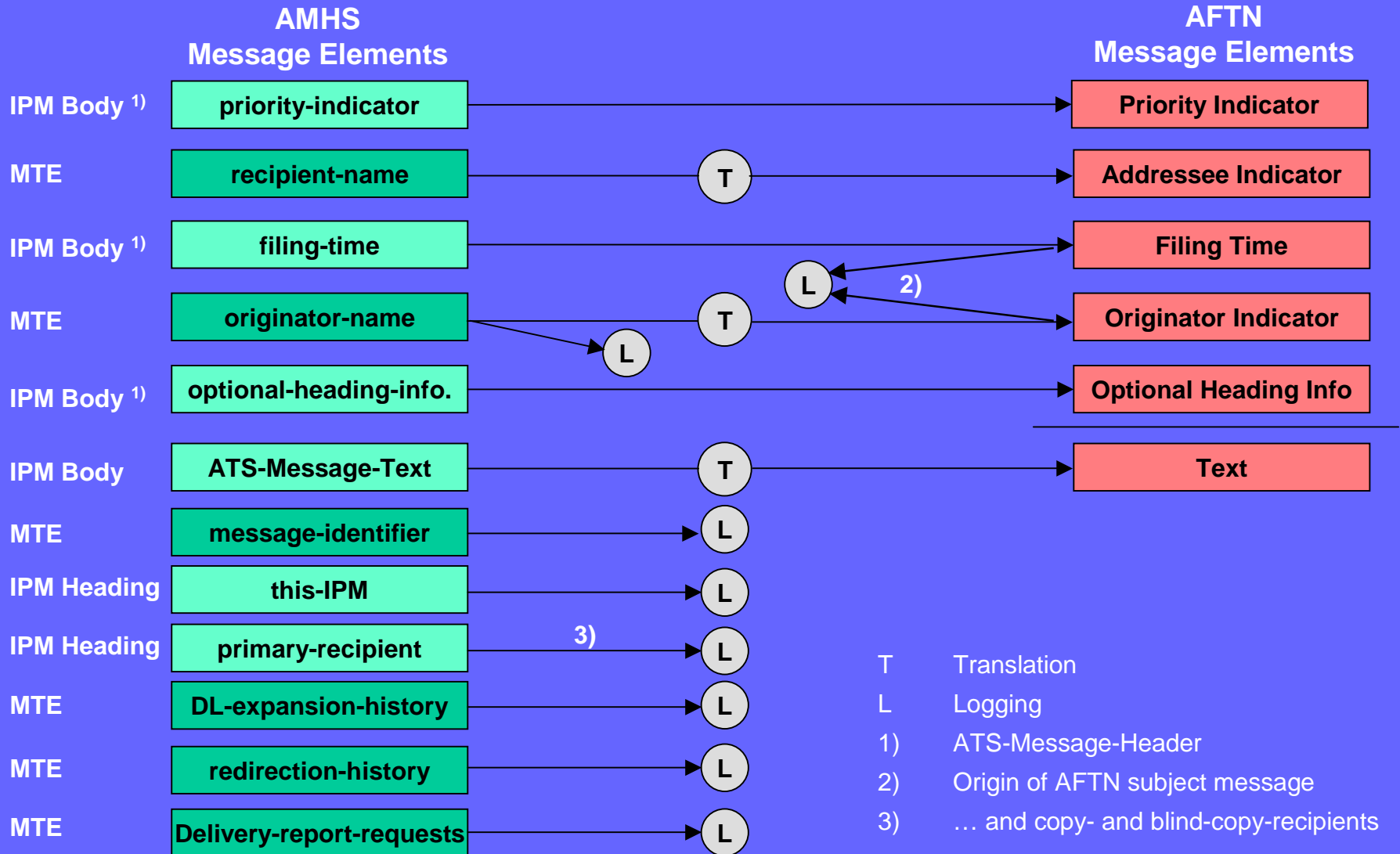
Part 4: AFTN/AMHS Gateway (Technical Aspects)

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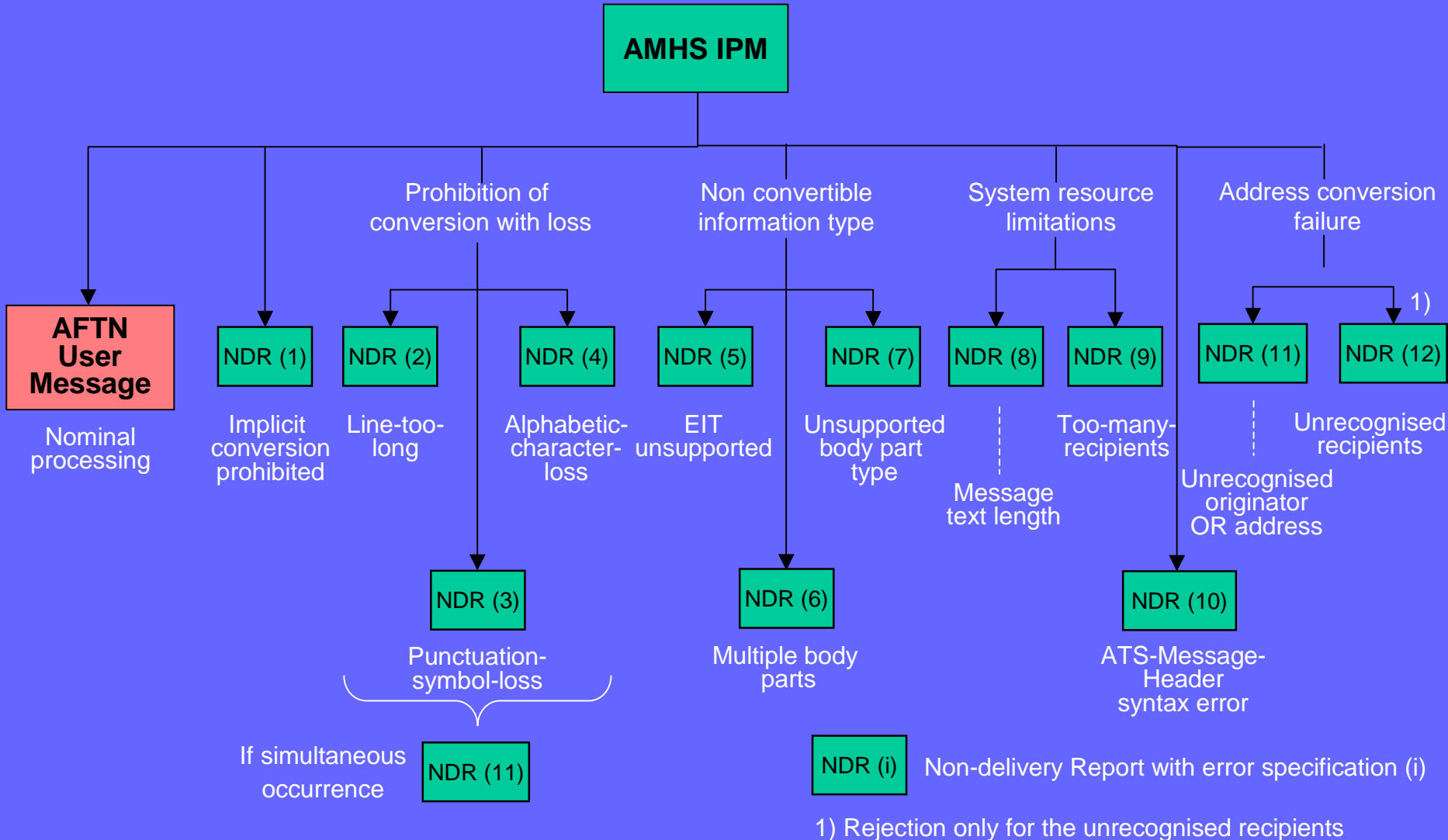
AFTN/AMHS Gateway – Arrangement of SARPs provisions for AMHS to AFTN conversion



▶ AFTN/AMHS Gateway – Conversion of IPM



▶ AFTN/AMHS Gateway – Exits from IPM conversion process

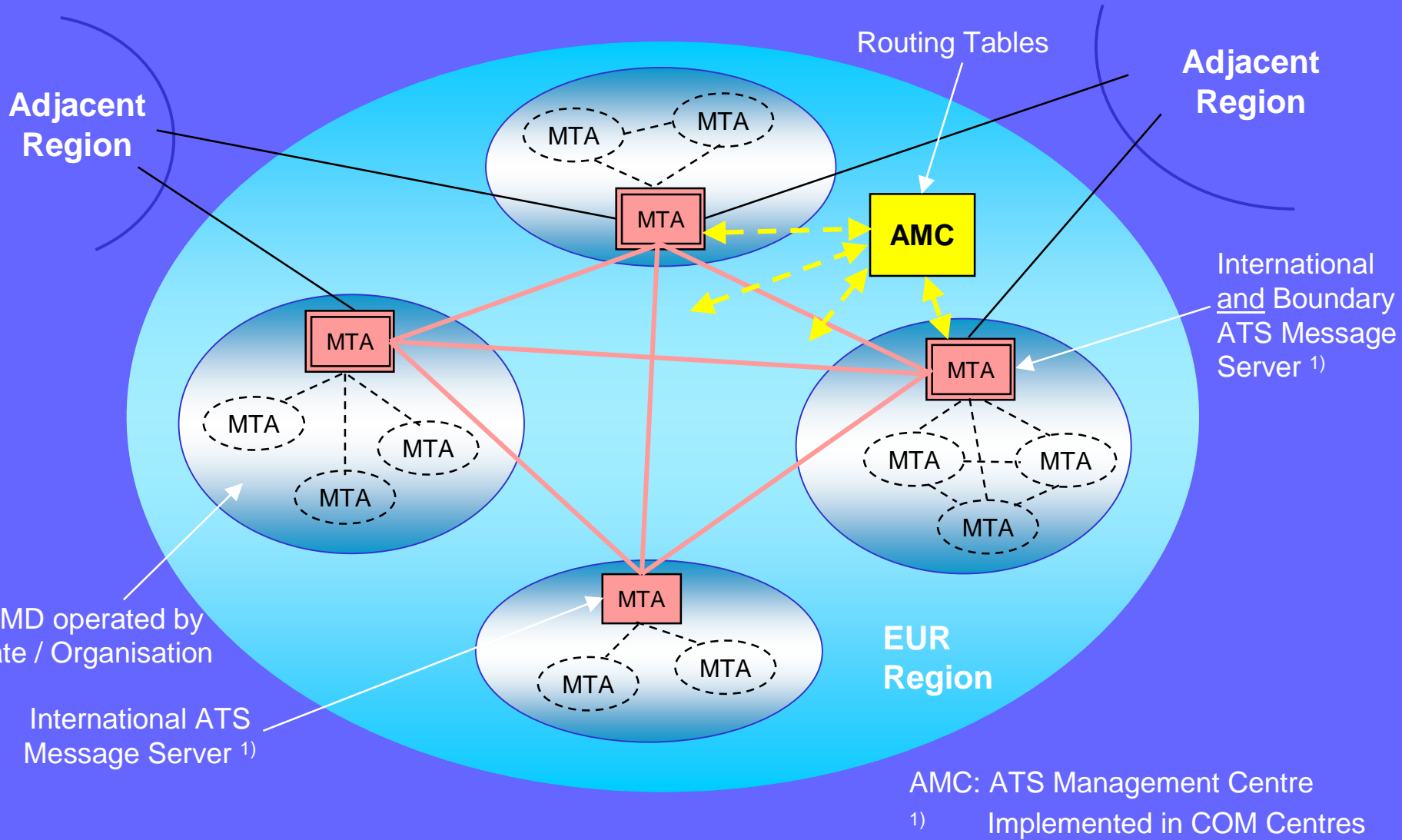




Seminar Documentation ATS Message Handling System (AMHS)

Part 5: MHS and AMHS Routing

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European AMHS Routing – Example of a transition step towards AMHS

