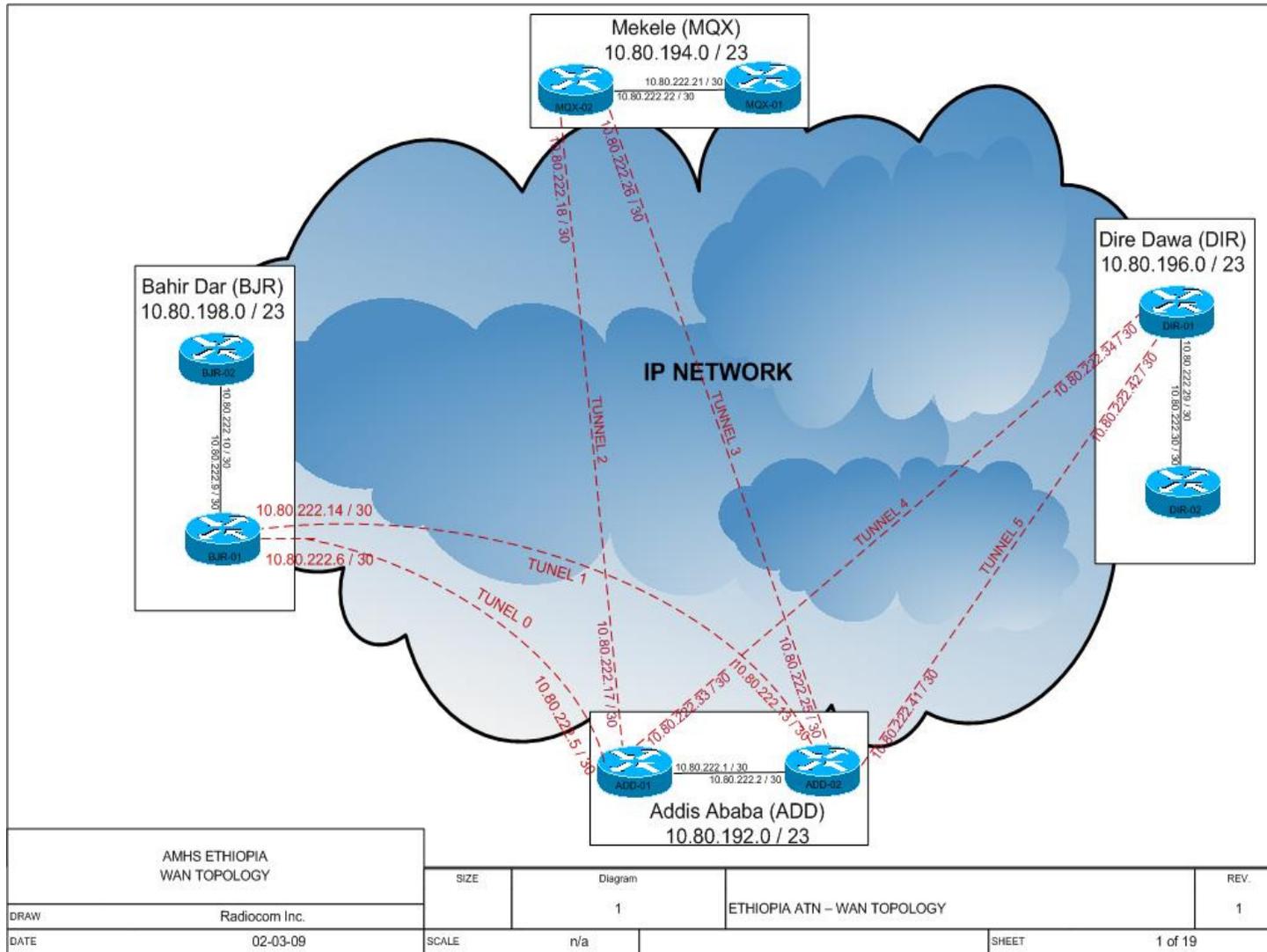


- Ethiopia is one of the 10 main AFTN centers in Africa.
- International connection with:
 - Nairobi
 - Niamey
 - Jeddha
 - Khartoum and Djibouti
- Implemented AMHS system on July 2010.

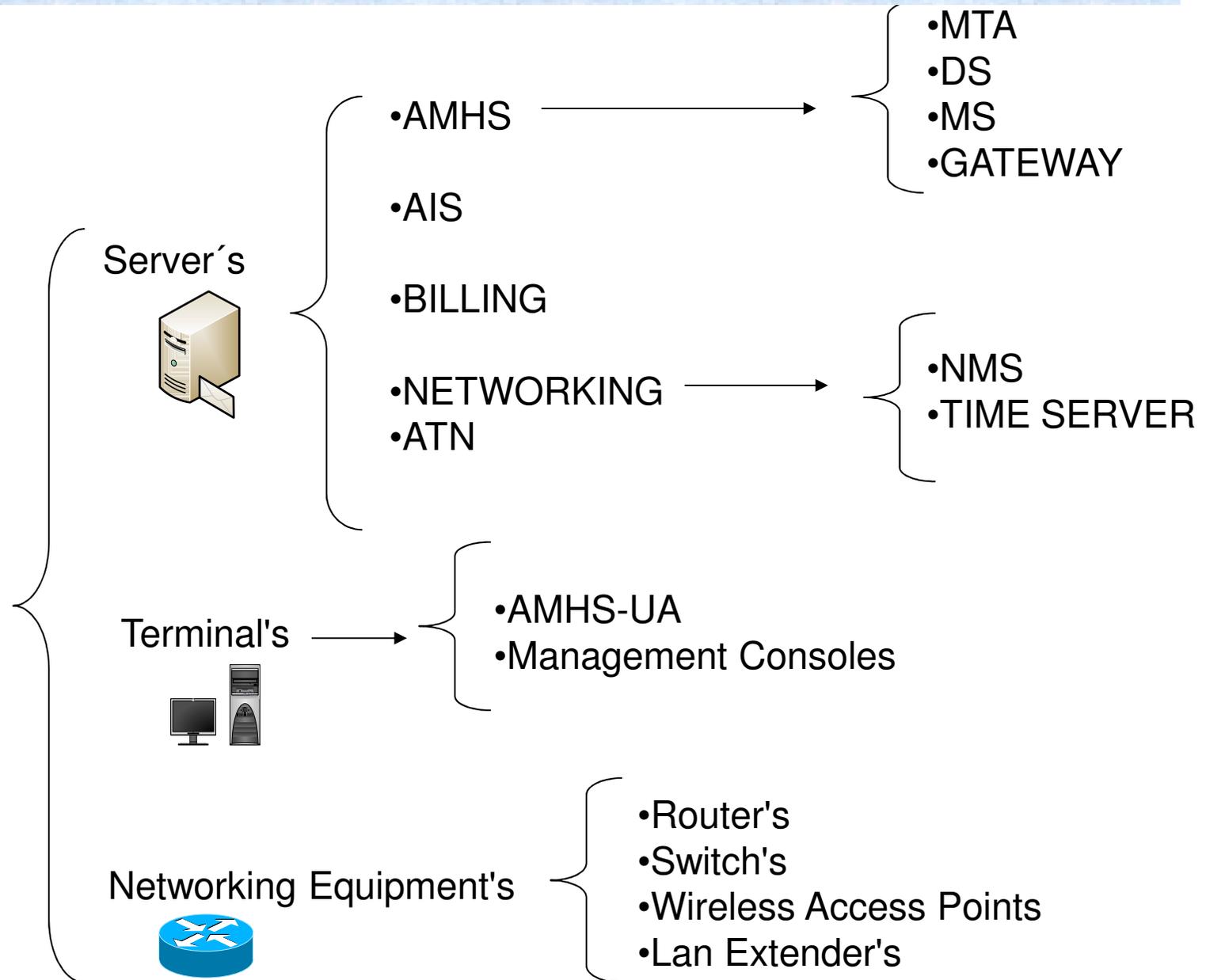
ATN of ECAA



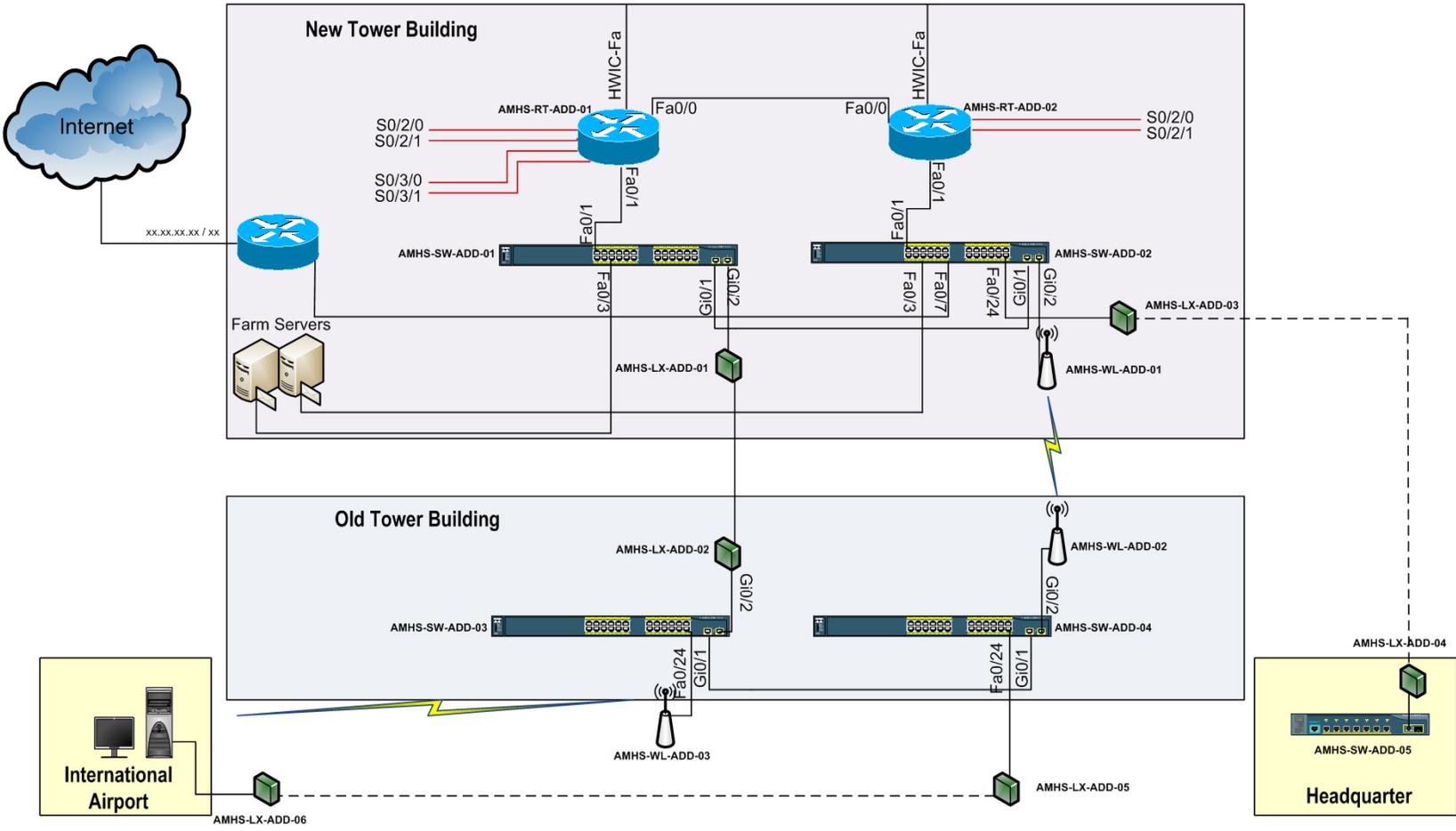
AMHS ETHIOPIA
WAN TOPOLOGY

SIZE	Diagram	ETHIOPIA ATN – WAN TOPOLOGY	REV.
1	1		1
DATE	SCALE	SHEET	REV.
02-03-09	n/a	1 of 19	1

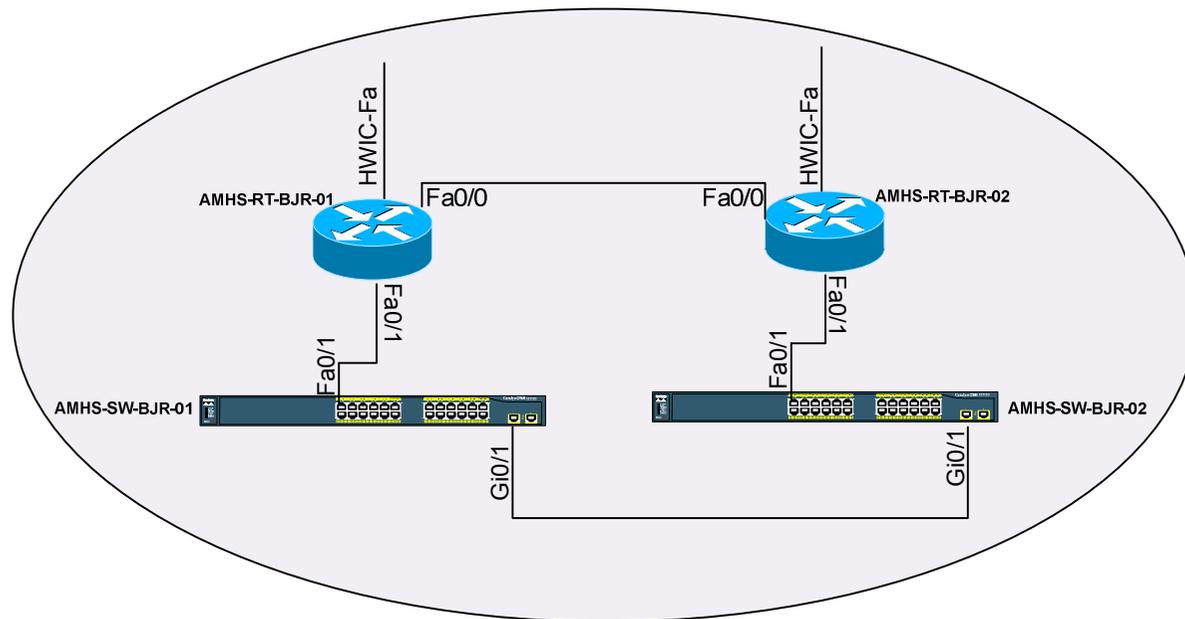
Networking elements



ECAA Network Principal Site



ECAA Network Remote Site



Message Transfer Agent - MTA

MTA tasks are the following:

- To expand the distribution lists included in the message header.
- To carry out the route tracking of each message.
- To send notifications of successful or failed delivery.

Message Store (MS)

Basic functions of MS:

- To alert the user when receives a message.
- To store or to forward selected messages following a standard rule.
- To carry out maintenance tasks on the stored messages.
- To communicate with MTS without intervention of UA, being this action "transparent" for the user.

Protocols for message transferring

- **P1:** for message transferring among MTA.
- **P3:** for message transferring among MTA, UA and MS.
- **P7:** for message transferring between MS and UA.
- **P3, P7:** for message recovery from UA.

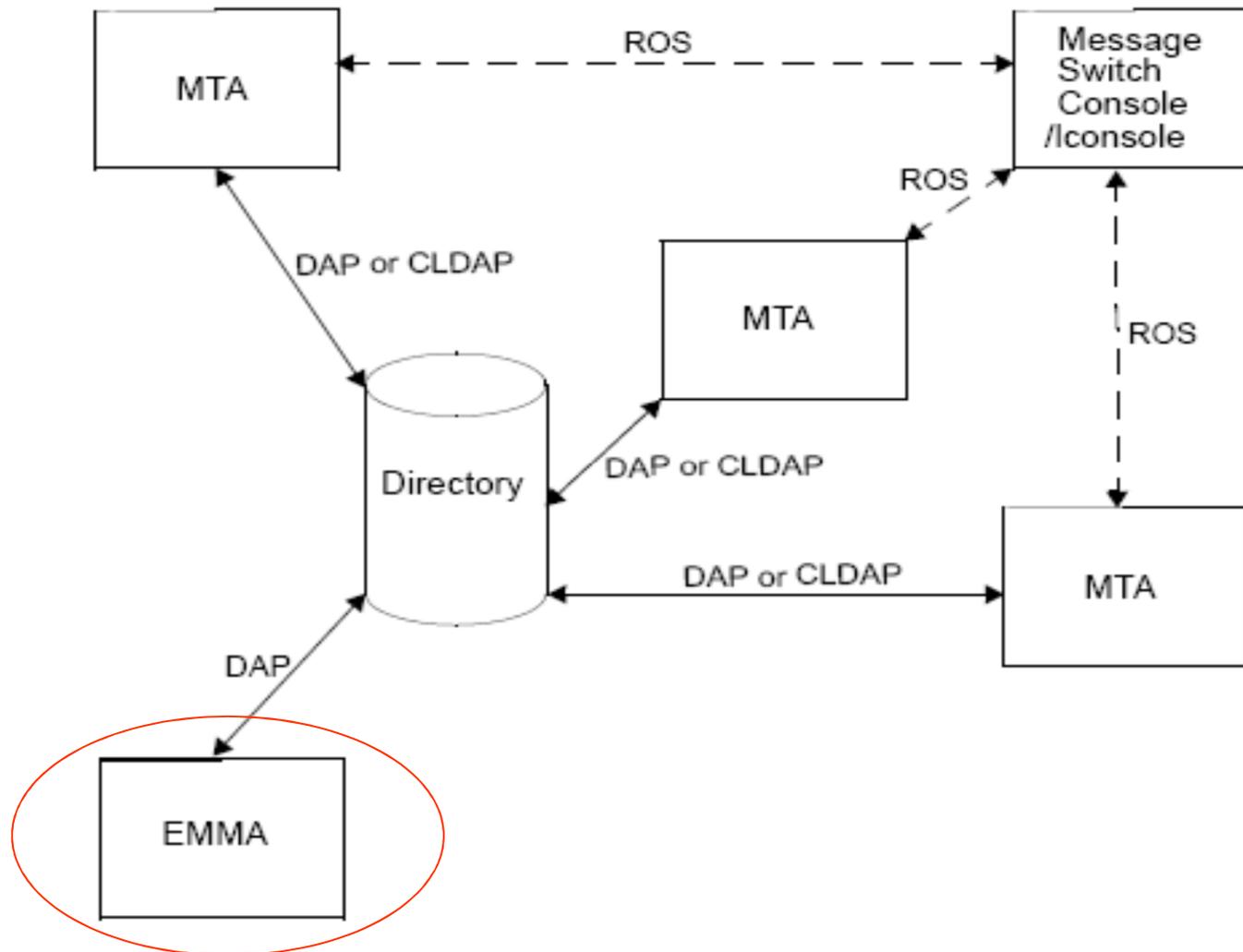
Addresses format

- Country Name = “XX”.
- Administration Management Domain (ADMD) = “ICAO”.
- Private Management Domain (PRMD) = “HA”.
- Organisation Name (O) = “HAAB”.
- Organisation Unit Name (OU) = “HABD”
- Common Name (CN) = “HABDYFYX”.

Supervisory System Components

- **EMMA:** Enterprise Message Management and Administration that allows configuring the system.
- **MConsole:** to monitor the system.
- **XMSConsole:** It allows access to the Message Store

EMMA (Enterprise Messaging Configuration)





STATION	AMHS	ATS	AIS	MET	QUERIES	HELP	EXIT
Users management	AMHS Message	FPL Flight Plan	NOTAM	METAR/SPECI	Message Search	Contents	
Start Session	Send Probe	DEP Departure	SNOWTAM	SYNOP	Events	About	
Close session		ARR Arrival	ASHTAM	RADOB	Statistics		
Backup copy		DLA Delay		TAF	Directory		
> Autodepurable backup		CNL Cancellation		SIGMET			
> Persistent backup		CHG Change		TEMP			
Macros				CLIMAT/TEMP			
Text Editor				AIREP			
Change Date/Time				PRONAREA			
Accounts				OZONO			
Print Queue							
Message recovery							
Settings							
Options							
Control Panel							
DBA Tools							
Open Operating System							
Close Operating System							
Commands window							

Settings

Settings equipment: AMHS-TE-MASTER - IP: 10.10.10.2 User: FAA

General Connection **Send** Miscellaneous Verify

Default options

Reports: None

Importance: Normal

Priority: Normal

Sensitivity: None

Requested answer

Send according SARPs

Send immediately

Route control in FPL

Allow attachments

Allow Autosend according the type of message

Default values for sending

Compact recipients

Conversion prohibited

Conversion/loss prohibited

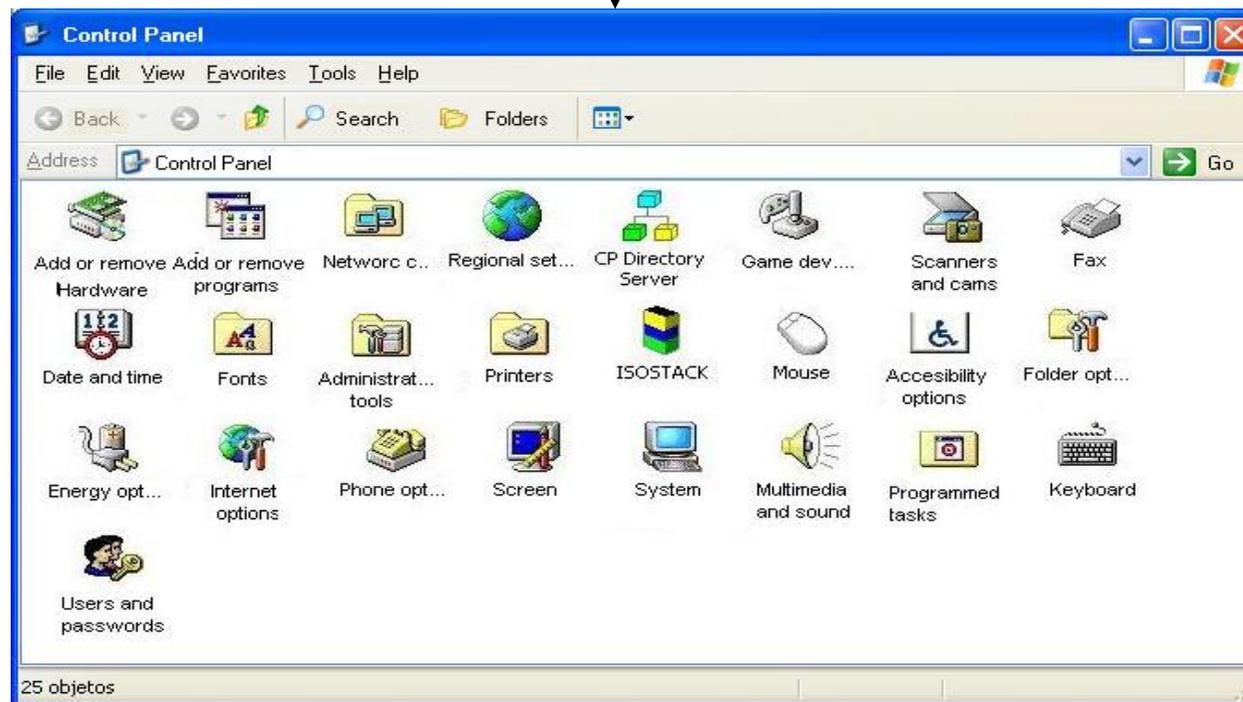
Allow alternate recipients

DL expansion prohibited

CONTENT TYPE 22

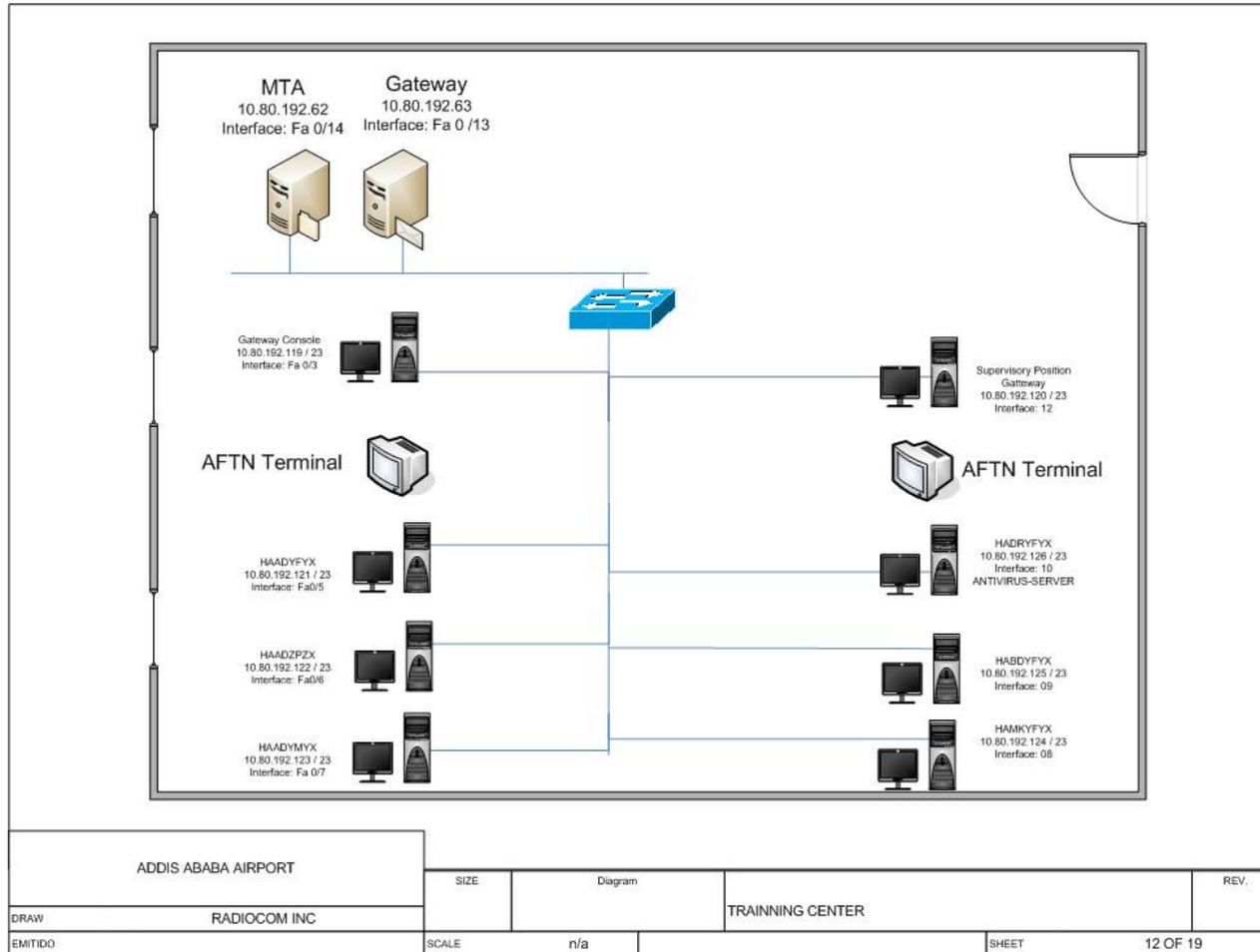
Close Apply OK

Control Panel



[Back](#)

Training Center



“Thank You”