



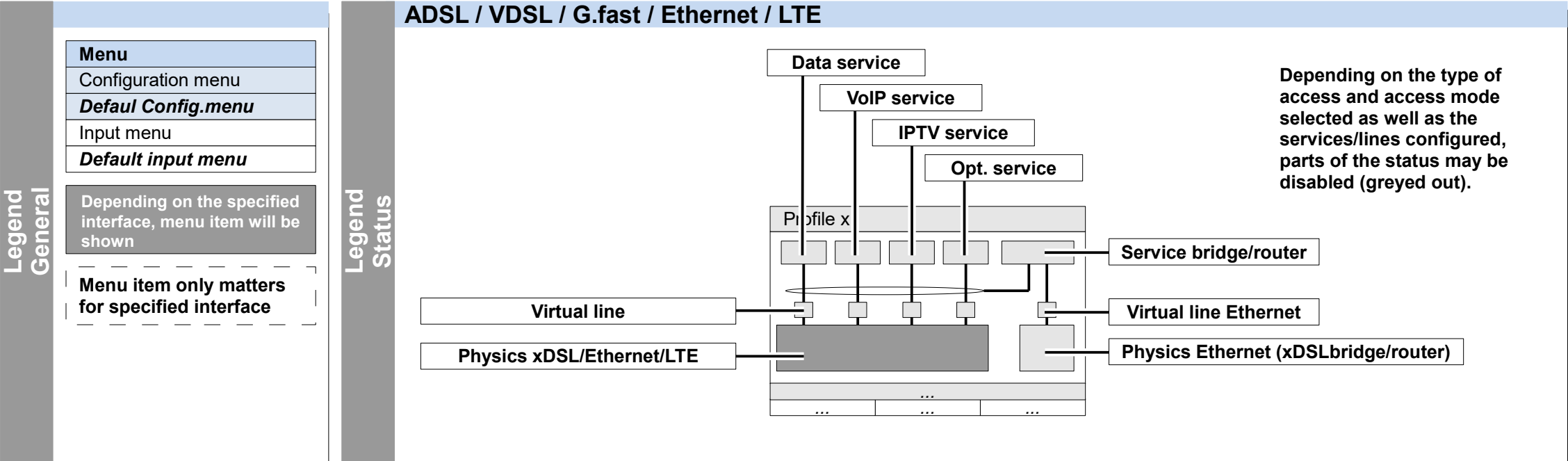
ARGUS[®] 153

» *Overview of menu
and test leads*

valid from firmware version R1.01.00

Cross reference:

Menu	page
Access	6
Access wizard	7
Main menu	8, 12
Single tests Data-, VoIP-, IPTV-, VoD-, Bridge-, Physic tests	8-10
Test results	8
Status	8
Parallel-, auto tests	10, 11
Settings	12-21
Device, Rem. acce.	13
Profiles, Virt. profiles VoIP account	14-21
Battery (status,...)	8
Help	8, 12
IP and ATM tests	page
IP ping / Trace route	22
HTTP / FTP downl. FTP upload / server	23
IPTV / passive /scan	25
Video on Demand	26
VoIP call / call generator /wait	27
Copper tests	page
Copper Box	30-31
Line scope, TDR	32
Other tests	page
Textbrowser	24
Loop	28
ETH cable tests	29
Others	page
Legend Protocol-overview	3
Hotkeys	4
Test leads	33-34



Protocol overview

ADSL / VDSL / G.fast / Ethernet / LTE														
Access			ADSL					VDSL / G.fast					ETH	LTE
Mode			ATU-R	ATU-R bridge		ATU-R router		VTU-R / FTU-R	VTU-R bridge FTU-R bridge		VTU-R router FTU-R router			
Socket			Line	Line	LAN	Line	LAN	Line	Line	LAN	Line	LAN	LAN	USB
Protocol	ATM/Ethernet													
without	-	without		a	a				a	a				
IP	-	IP					a	●			●	a	●	
	Yes	EoA	●			●								
	No	IPoA	●			●								
PPP	Yes	PPPoE	●			●		●			●		●	●
	No	PPPoA	●			●								
PPTP	-	PPTP											●	
● – Protocol configurable (see page 20) a – Protocol set automatically														

Note

The ARGUS® 153 VDSL basic package includes a variety of functions and tests. Support for other interfaces and functions is optional (see the options in the data sheet). Consequently, depending on the scope of the functions delivered, certain menu items may be hidden. The type of access and access mode can affect this, too.

Hotkeys

Cross reference:

Menu	page
Access	6
Access wizard	7
Main menu	8, 12
Single tests	
Data-, VoIP-, IPTV-, VoD-, Bridge-, Physic tests	8-10
Test results	8
Status	8
Parallel-, auto tests	10, 11
Settings	12-21
Device, Rem. acce.	13
Profiles, Virt. profiles	
VoIP account	14-21
Battery (status,...)	8
Help	8, 12

IP and ATM tests

	page
IP ping / Trace route	22
HTTP / FTP downl.	
FTP upload / server	23
IPTV / passive /scan	25
Video on Demand	26
VoIP call / call generator /wait	27

Copper tests

	page
Copper Box	30-31
Line scope, TDR	32

Other tests

	page
Textbrowser	24
Loop	28
ETH cable tests	29

Others

	page
Legend	
Protocol-overview	3
Hotkeys	4
Test leads	33-34

Menu Hotkeys

ADSL / VDSL / G.fast / Ethernet / LTE				
Key	ADSL	G.fast / VDSL	Ethernet	LTE
0	ARGUS status			
1	Help hotkeys			
2	-			
3	IP ping			
4	Trace route			
5	HTTP download			
6	Test status			
7	FTP download			
8	Copper Box		-	
9	IPTV			-
⌂	Status			
ⓘ	VoIP call			-
* then 0	Access			
* then 1	ARGUS info *1			
* then 2	Restore config.			
* then 3	Factory setting			
* then 5	Test result upload (FTP)			
* then 6	Test status			
* then 7	Store			
* then 8	Configuration import			
* then 9	Firmware update			

Copper tests		
Key	Copper tests	Copper Box autotest
0	ARGUS status	-
1	Help hotkeys	-
2	-	-
3	-	-
4	-	-
5	Test data to PC	-
6	-	-
7	-	QR code
8	Copper Box	-
9	-	-
⌂	-	-
ⓘ	-	-
* then 0	Access	-
* then 1	ARGUS info	-
* then 2	Restore config.	-
* then 3	Factory setting	-
* then 5	-	-
* then 6	-	-
* then 7	-	Store
* then 8	-	-
* then 9	-	-

Graphic hotkeys

ADSL / VDSL / G.fast / xDSL trace		
Key	ADSL / VDSL / G.fast	XDSL trace
0		
1	-	Legend
2	Zoom	-
3		
4	-	
5	-	
6	-	
7	-	
8	-	
9	Setting of x-axis	-
0	min / max	-
#	-	
✓	Continue	-
⌂	-	
* then 0	-	
* then 7	Store	-

Test hotkeys

Copper tests			
Taste	Line scope (Frequency domain)	Line scope (Time domain)	TDR
0	-	-	-
1	-	-	-
2	Zoom	-	Zoom
3	Cursor		
4	Measurement range		
5	Total power	-	Pulse width/height
6	-	-	Wire type/VoP
7	Probe		-
8	Symmetry		-
9	Time	FFT	-
0	Peak hold (min/max)		-
#	100 Ohm Input resistance		-
✓	-	-	-
⌂	Run/Hold		
* then 0	Reference curve		
* then 7	Store		

User info / Inventory number

ARGUS info

*1

ARGUS info

Type: ARGUS153

SW: ...

Date: ...

Loader: ...

Ser.No. ...

...

User info

...

User info

...

Inv.: Delete 12>ab

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Menu	page
Access	6
Access wizard	7
Main menu	8, 12
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VoIP call / call generator /wait	27
Copper tests	page
Copper Box	30-31
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Other tests	page
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Loop	28
ETH cable tests	29
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Legend Protocol-overview	3
Hotkeys	4
Test leads	33-34

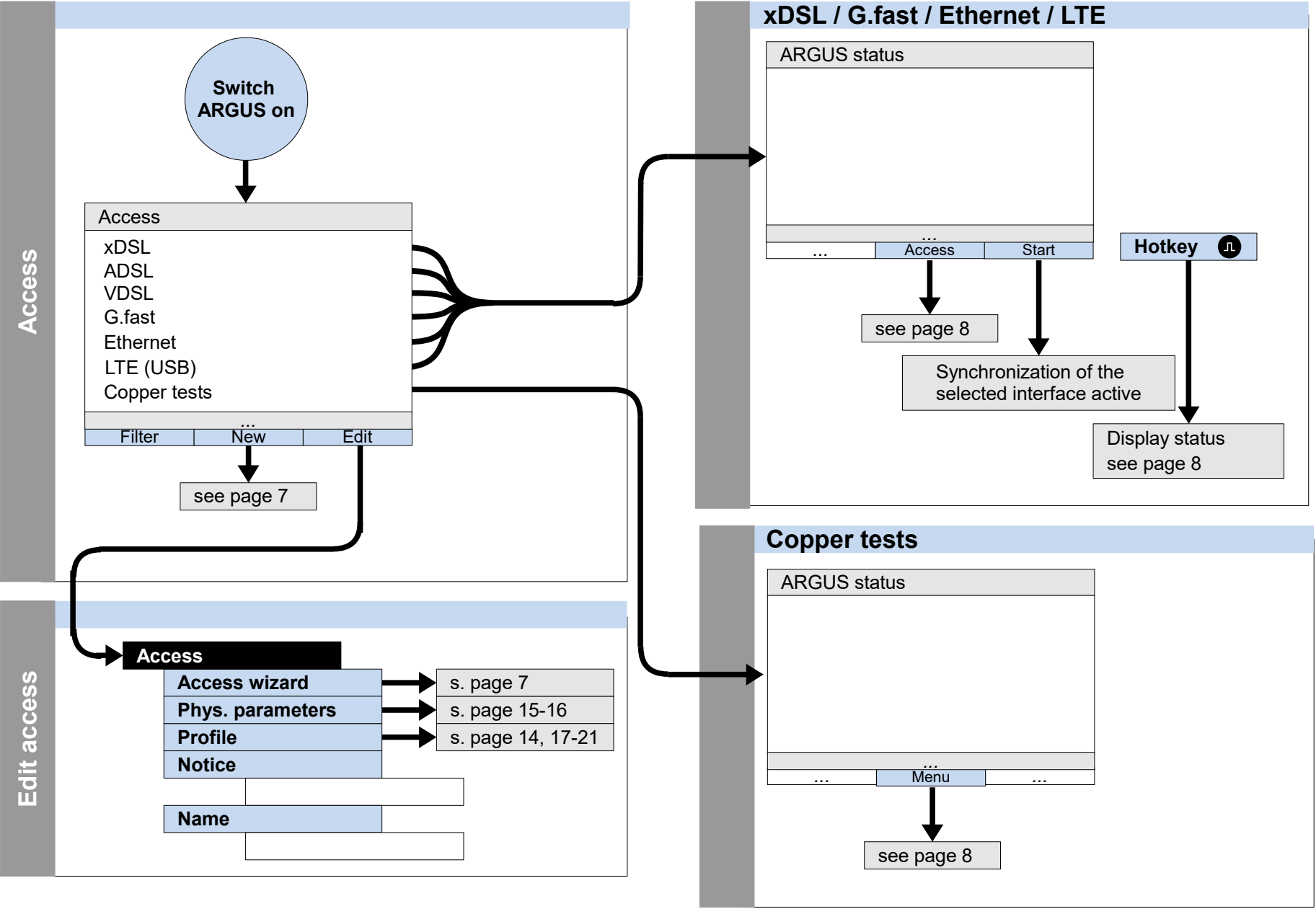
Single tests

ADSL / VDSL / G.fast / Ethernet / LTE / Copper tests

	ADSL / VDSL / G.fast	ADSL - / VDSL - / G.fast- bridge	ADSL-/ VDSL- / G.fast- router	Ethernet IP based	Ethernet cable test	LTE	Copper tests
IP ping	x	-	x	x	-	x	-
Traceroute	x	-	x	x	-	x	-
HTTP downl./upl.	x	-	x	x	-	x	-
FTP downl. /upl.	x	-	x	x	-	x	-
FTP server	x	-	x	x	-	-	-
Textbrowser	x	-	x	x	-	x	-
Network scan	-	-	-	x	-	-	-
VoIP call/ call generator / wait	x	-	x	x	-	-	-
IPTV / IPTV scan	x	-	x	x	-	-	-
IPTV passive	-	x	x	x	-	-	-
Video on demand	x	-	x	x	-	-	-
LTE scan	-	-	-	-	-	x	-
Loop	-	-	-	x	-	-	-
Port flash	-	-	-	-	x	-	-
Copper Box	x	x	x	-	-	-	x

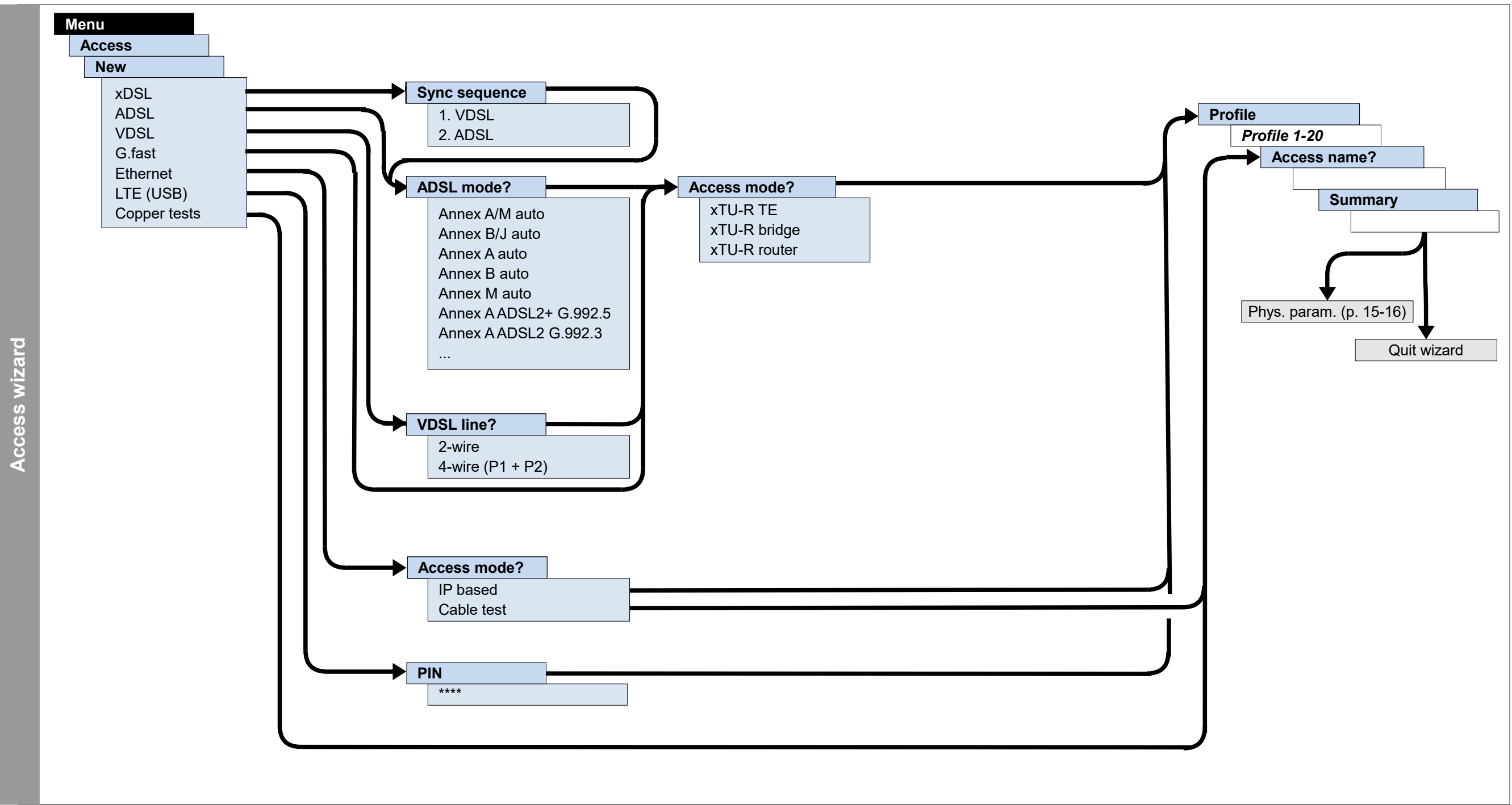
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Access	6
Access wizard	7
Main menu	8, 12
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Profiles, Virt. profiles VoIP account	14-21
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Hotkeys	4
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Menu	page
Access	6
Access wizard	7
Main menu	8, 12
Single tests	
Data-, VoIP-, IPTV-,	
VoD-, Bridge-,	8-10
Physic tests	
Test results	8
Status	8
Parallel-, auto tests	10, 11
Settings	12-21
Device, Rem. acce.	13
Profiles, Virt. profiles	
VoIP account	14-21
Battery (status,...)	8
Help	8, 12
IP and ATM tests	page
IP ping / Trace route	22
HTTP / FTP downl.	
FTP upload / server	23
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generator /wait	27
Copper tests	page
Copper Box	30-31
Line scope, TDR	32
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ETH cable tests	29
Others	page
Legend	
Protocol-overview	3
Hotkeys	4
Test leads	33-34

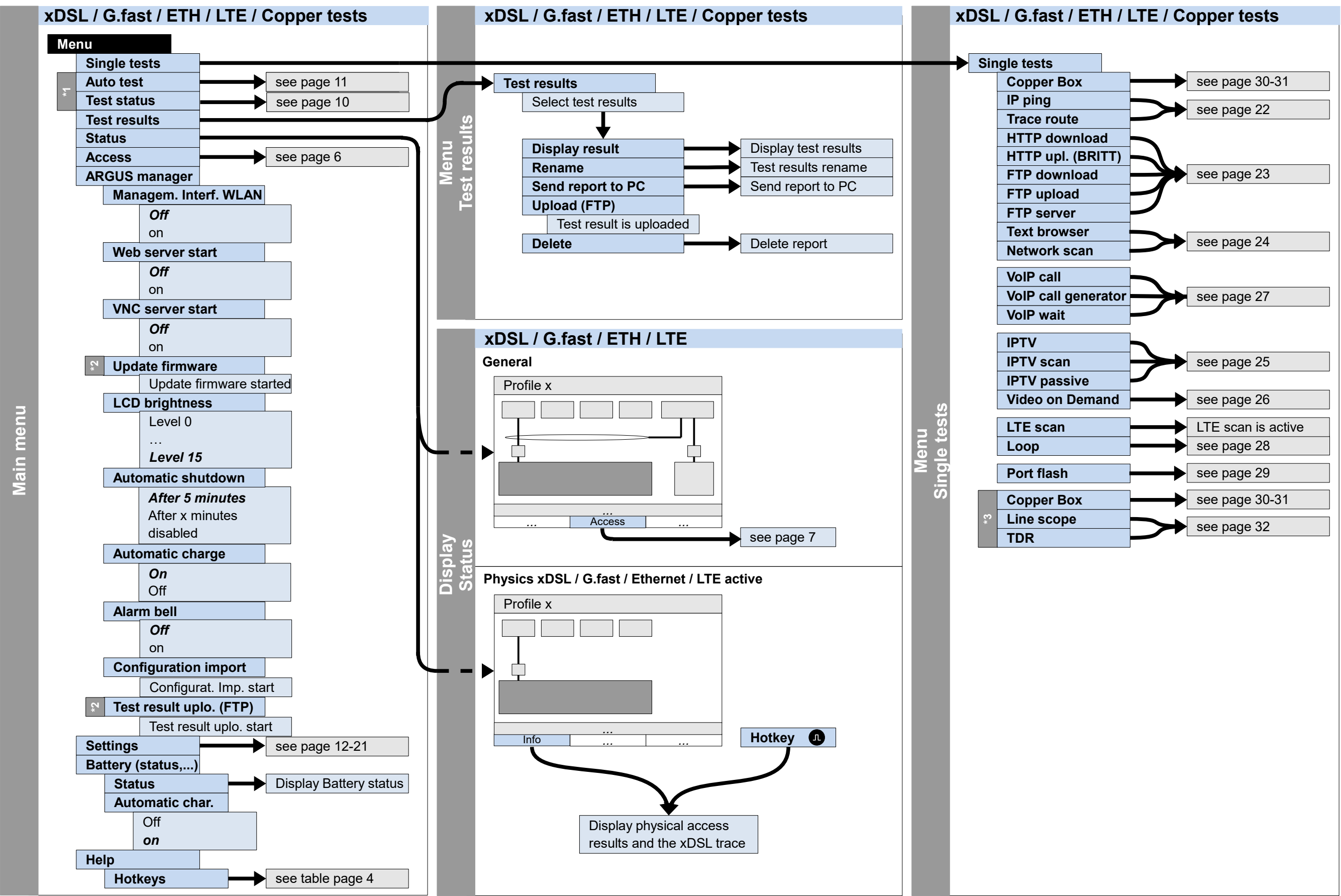


Main menu, Single tests, Test results, Status

(Access: ADSL, VDSL, G.fast, LTE, Ethernet, Copper tests)

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Access	6
Access wizard	7
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Single tests	
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VoIP account	14-21
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Help	8, 12
IP and ATM tests	page
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FTP upload / server	23
IPTV / passive / scan	25
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Copper tests	page
Copper Box	30-31
Line scope, TDR	32
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Loop	28
ETH cable tests	29
Others	page
Legend	
Protocol-overview	3
Hotkeys	4
Test leads	33-34

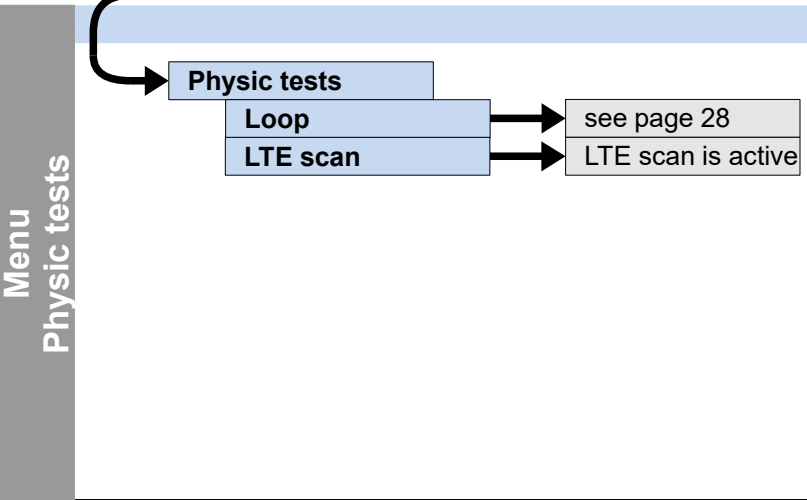
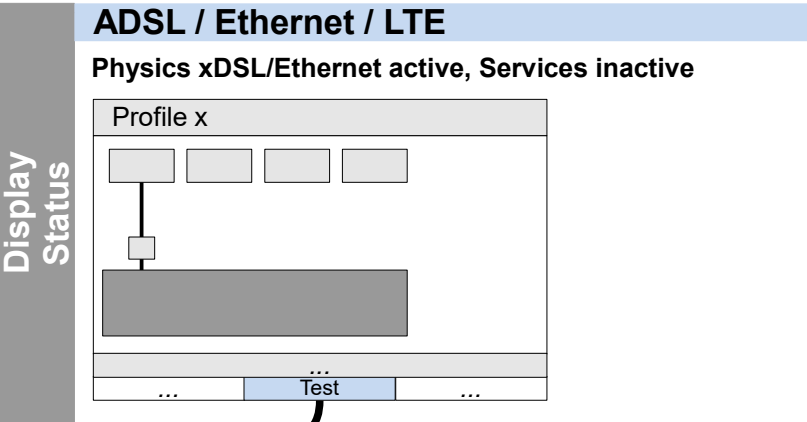
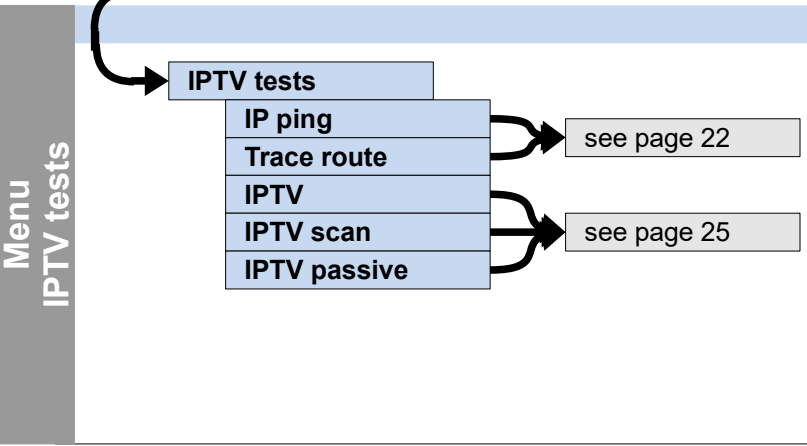
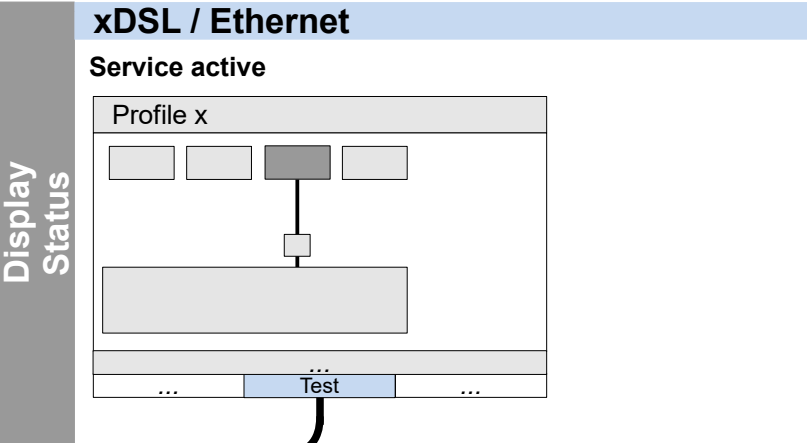
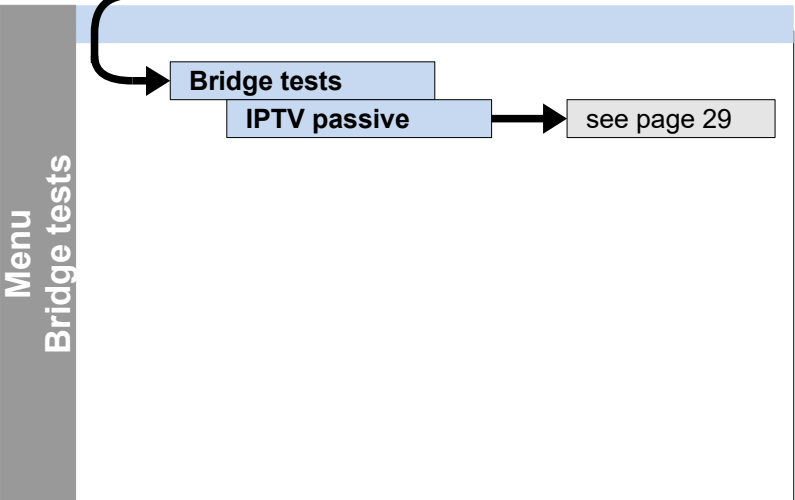
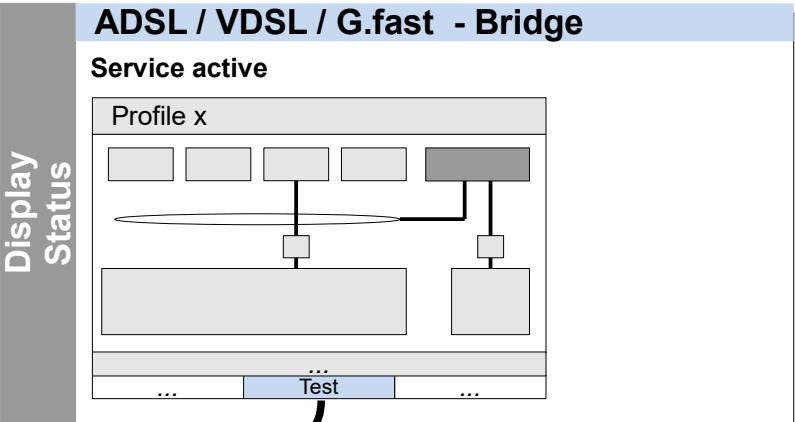
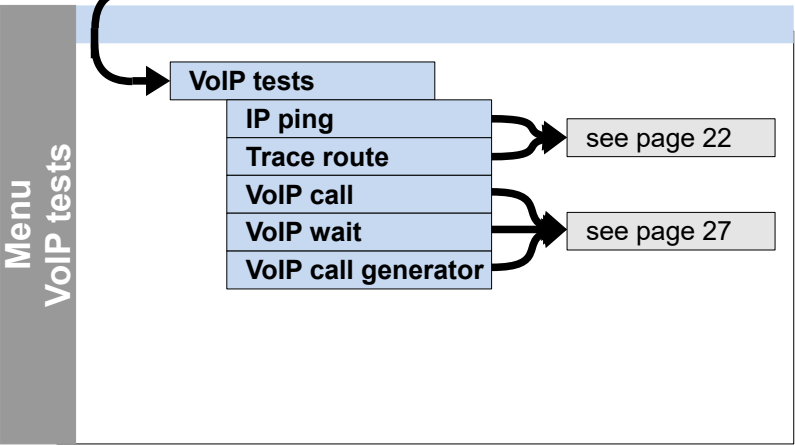
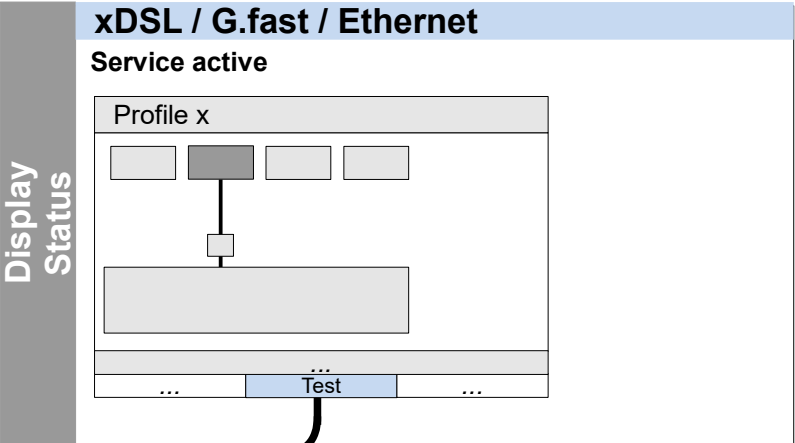
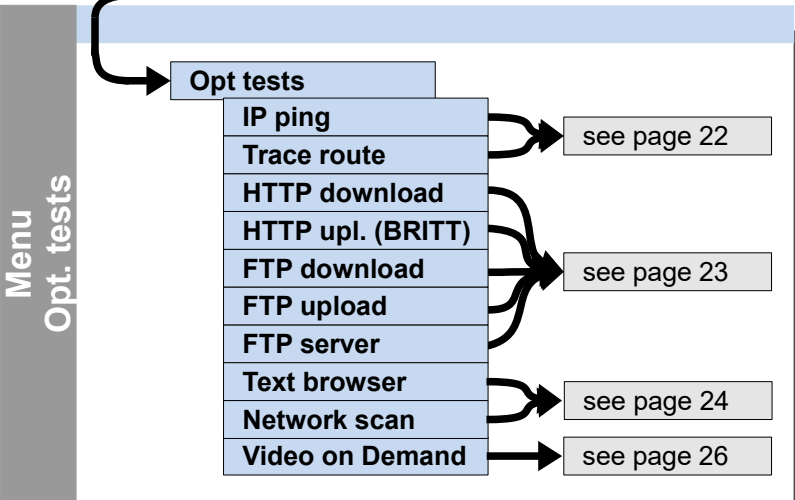
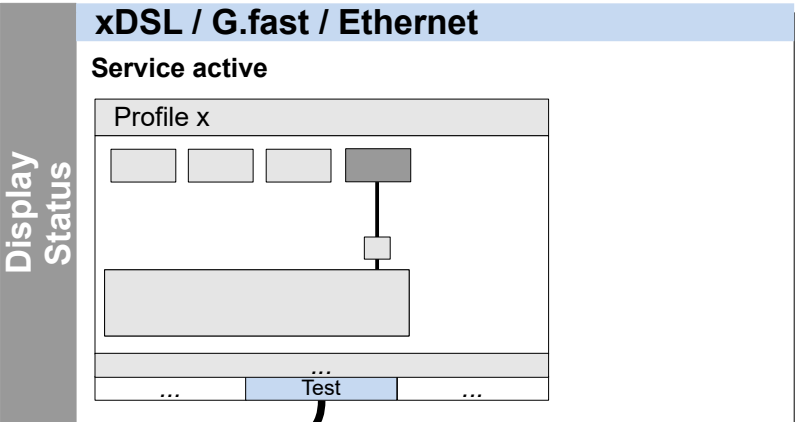
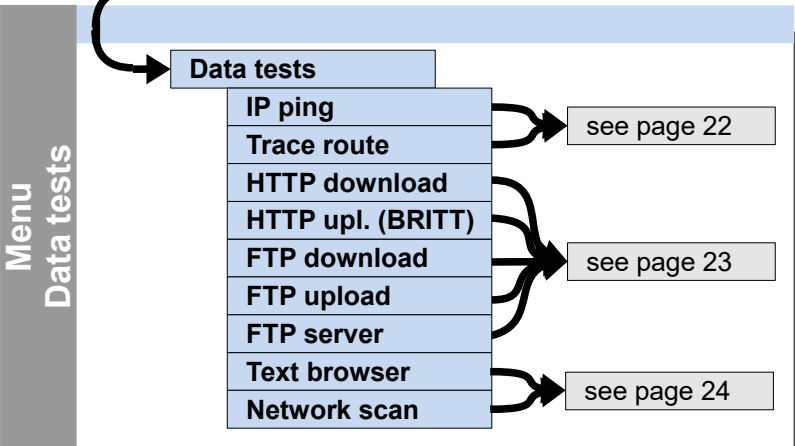
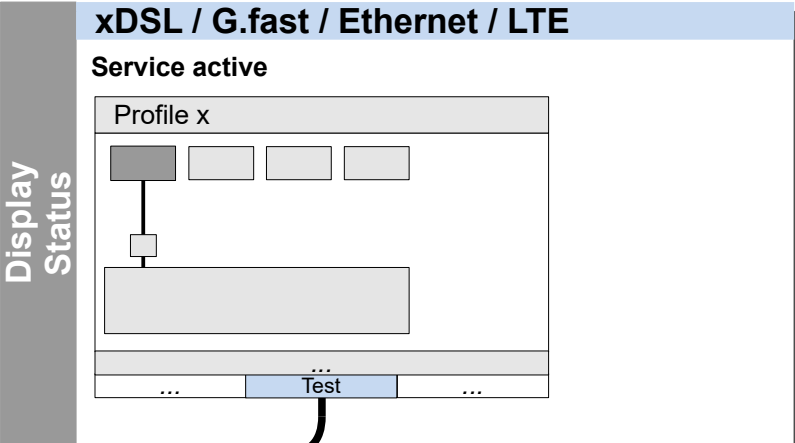


Note

- *1 = ADSL, VDSL, G.fast, Ethernet
- *2 = not for Copper tests
- *3 = Copper tests

Cross reference:

Menu	page
Access	6
Access wizard	7
Main menu	8, 12
Single tests Data-, VoIP-, IPTV-, VoD-, Bridge-, Physic tests	8-10
Test results	8
Status	8
Parallel-, auto tests	10, 11
Settings	12-21
Device, Rem. acce.	13
Profiles, Virt. profiles VoIP account	14-21
Battery (status,...)	8
Help	8, 12
IP and ATM tests	page
IP ping / Trace route	22
HTTP / FTP downl. FTP upload / server	23
IPTV / passive / scan	25
Video on Demand	26
VoIP call / call generator /wait	27
Copper tests	page
Copper Box	30-31
Line scope, TDR	32
Other tests	page
Textbrowser	24
Loop	28
ETH cable tests	29
Others	page
Legend Protocol-overview	3
Hotkeys	4
Test leads	33-34



Service tests: Parallel tests

Test status

Cross reference:

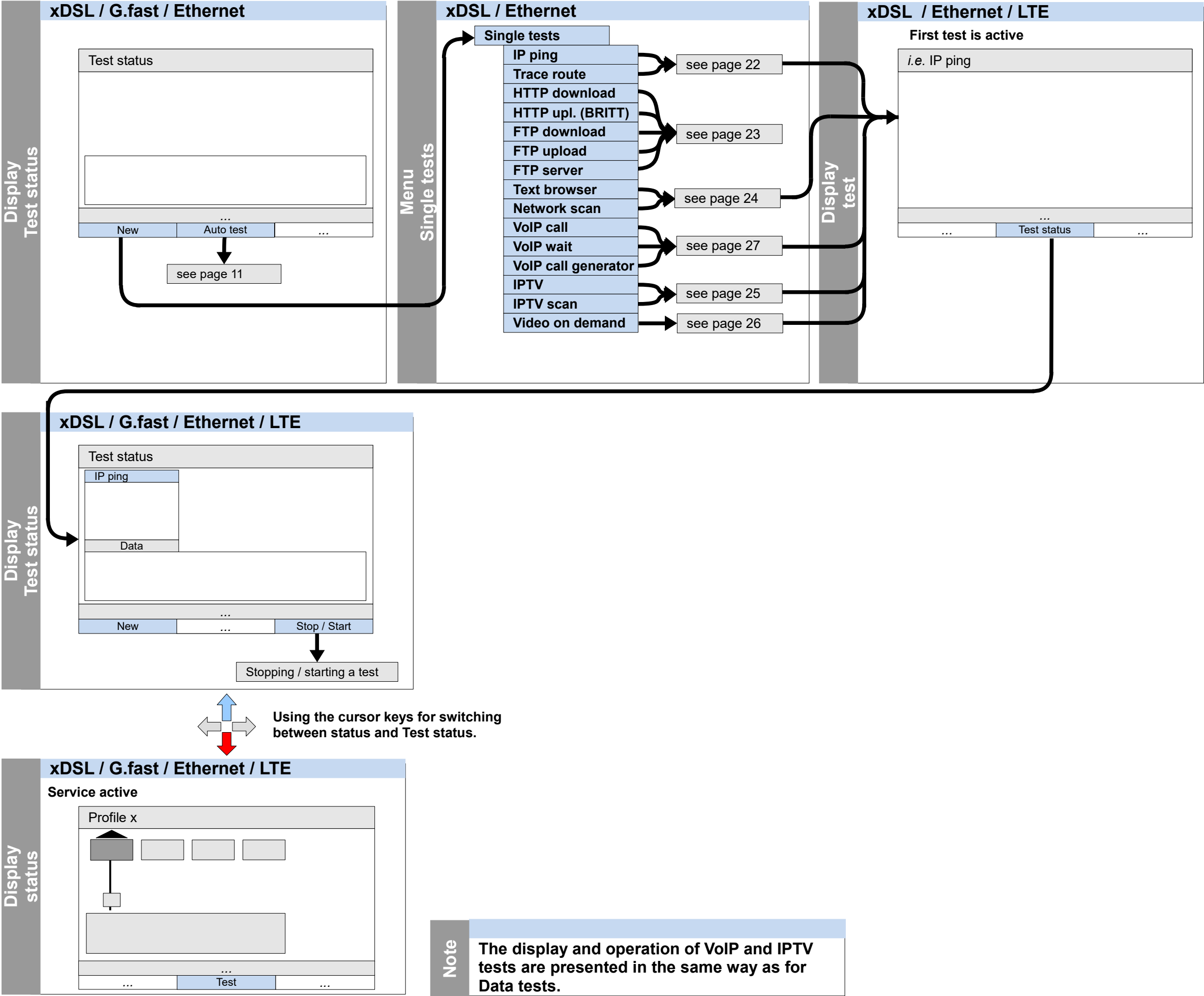
Menu	page
Access	6
Access wizard	7
Main menu	8, 12
Single tests	
Data-, VoIP-, IPTV-, VoD-, Bridge-, Physic tests	8-10
Test results	8
Status	8
Parallel-, auto tests	10, 11
Settings	12-21
Device, Rem. acce.	13
Profiles, Virt. profiles	
VoIP account	14-21
Battery (status,...)	8
Help	8, 12

IP and ATM tests	page
IP ping / Trace route	22
HTTP / FTP downl. FTP upload / server	23
IPTV / passive / scan	25
Video on Demand	26
VoIP call / call generator / wait	27

Copper tests	page
Copper Box	30-31
Line scope, TDR	32

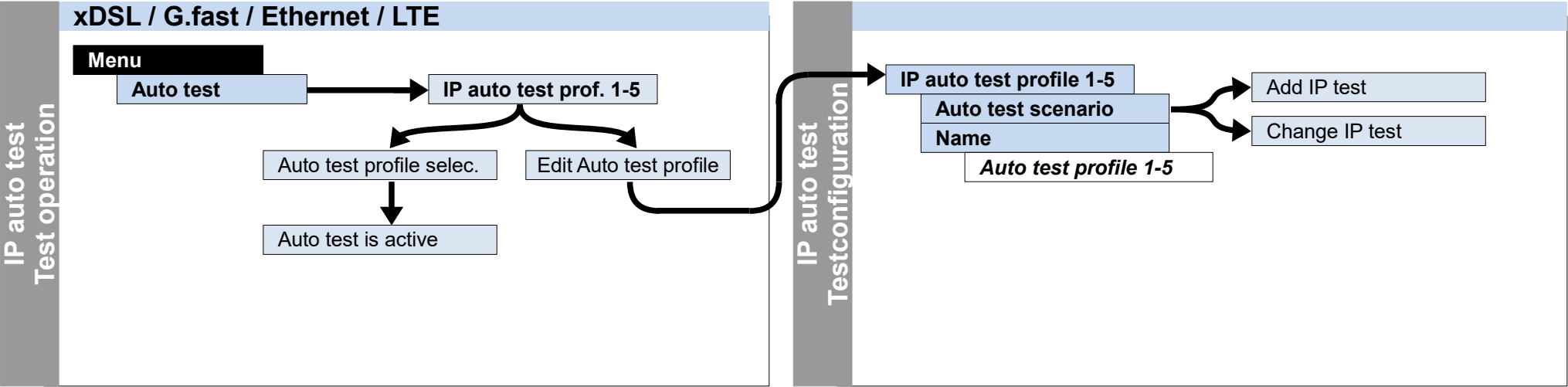
Other tests	page
Textbrowser	24
Loop	28
ETH cable tests	29

Others	page
Legend	
Protocol-overview	3
Hotkeys	4
Test leads	33-34



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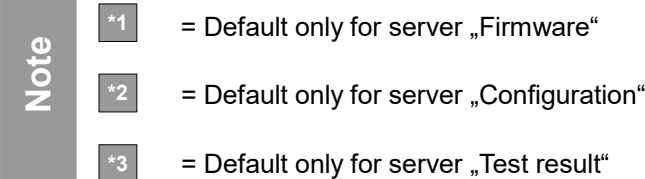
Menu	page
Access	6
Access wizard	7
Main menu	8, 12
Single tests Data-, VoIP-, IPTV-, VoD-, Bridge-, Physic tests	8-10
Test results	8
Status	8
Parallel-, auto tests	10, 11
Settings	12-21
Device, Rem. acce.	13
Profiles, Virt. profiles VoIP account	14-21
Battery (status,...)	8
Help	8, 12
IP and ATM tests	page
IP ping / Trace route	22
HTTP / FTP downl. FTP upload / server	23
IPTV / passive /scan	25
Video on Demand	26
VoIP call / call generator /wait	27
Copper tests	page
Copper Box	30-31
Line scope, TDR	32
Other tests	page
Textbrowser	24
Loop	28
ETH cable tests	29
Others	page
Legend Protocol-overview	3
Hotkeys	4
Test leads	33-34



Menu	page
Access	6
Access wizard	7
Main menu	8, 12
Single tests Data-, VoIP-, IPTV-, VoD-, Bridge-, Physic tests	8-10
Test results	8
Status	8
Parallel-, auto tests	10, 11
Settings	12-21
Device, Rem. acce.	13
Profiles, Virt. profiles VoIP account	14-21
Battery (status,...)	8
Help	8, 12

Copper tests	page
Copper Box	30-31
Line scope, TDR	32

Others	page
Legend Protocol-overview	3
Hotkeys	4
Test leads	33-34

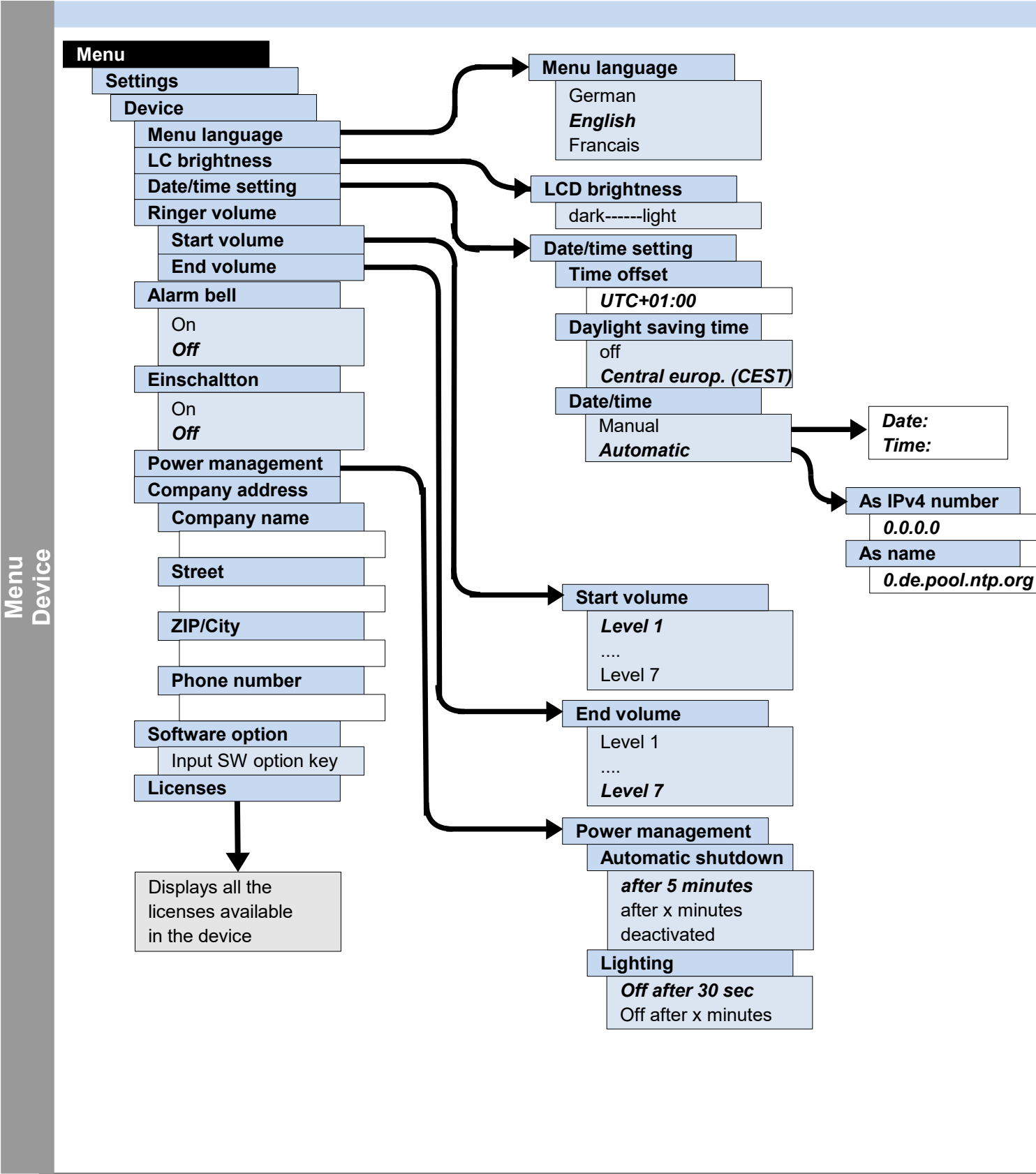
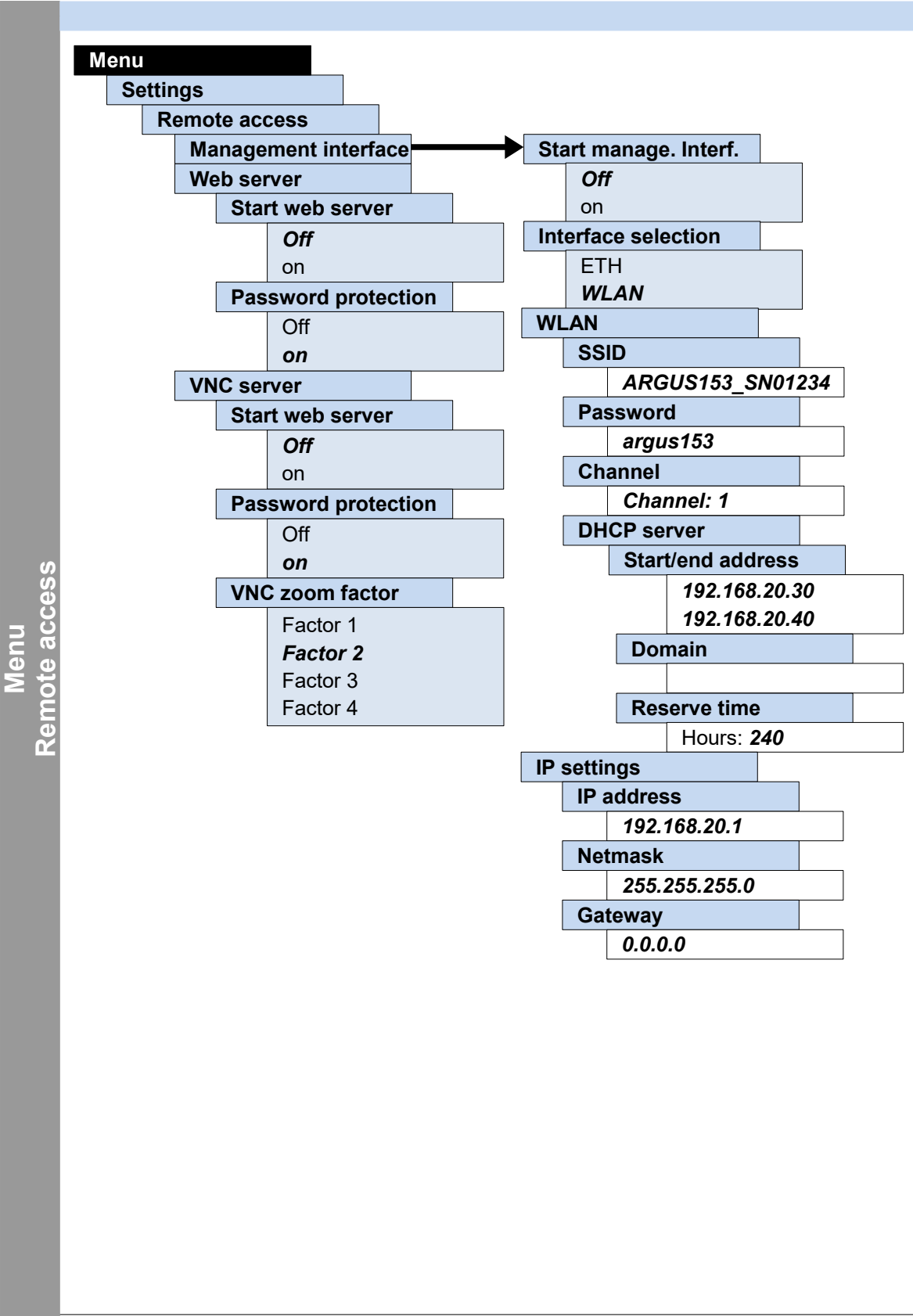


Settings and reset

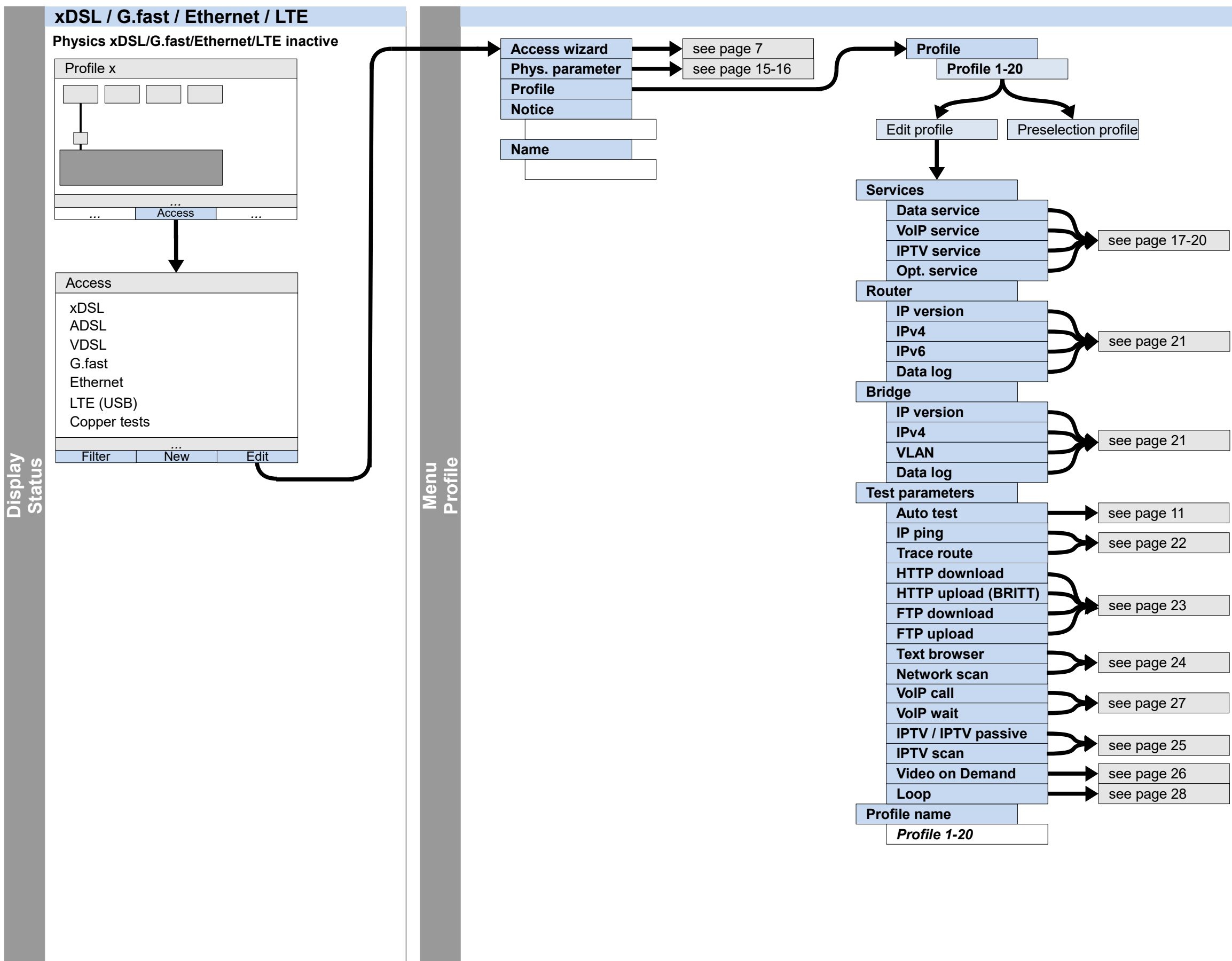
Remote access, Device

Cross reference:

Menu	page
Access	6
Access wizard	7
Main menu	8, 12
Single tests Data-, VoIP-, IPTV-, VoD-, Bridge-, Physic tests	8-10
Test results	8
Status	8
Parallel-, auto tests	10, 11
Settings	12-21
Device, Rem. acce.	13
Profiles, Virt. profiles VoIP account	14-21
Battery (status,...)	8
Help	8, 12
IP and ATM tests	page
IP ping / Trace route	22
HTTP / FTP downl. FTP upload / server	23
IPTV / passive /scan	25
Video on Demand	26
VoIP call / call generator /wait	27
Copper tests	page
Copper Box	30-31
Line scope, TDR	32
Other tests	page
Textbrowser	24
Loop	28
ETH cable tests	29
Others	page
Legend Protocol-overview	3
Hotkeys	4
Test leads	33-34



Menu	page
Access	6
Access wizard	7
Main menu	8, 12
Single tests Data-, VoIP-, IPTV-, VoD-, Bridge-, Physic tests	8-10
Test results	8
Status	8
Parallel-, auto tests	10, 11
Settings	12-21
Device, Rem. acce.	13
Profiles, Virt. profiles VoIP account	14-21
Battery (status,...)	8
Help	8, 12
IP and ATM tests	page
IP ping / Trace route	22
HTTP / FTP downl. FTP upload / server	23
IPTV / passive /scan	25
Video on Demand	26
VoIP call / call generator /wait	27
Copper tests	page
Copper Box	30-31
Line scope, TDR	32
Other tests	page
Textbrowser	24
Loop	28
ETH cable tests	29
Others	page
Legend Protocol-overview	3
Hotkeys	4
Test leads	33-34



Settings

Phys. parameters: ADSL, VDSL, G.fast, Ethernet

Cross reference:

Menu	page
Access	6
Access wizard	7
Main menu	8, 12
Single tests Data-, VoIP-, IPTV-, VoD-, Bridge-, Physic tests	8-10
Test results	8
Status	8
Parallel-, auto tests	10, 11
Settings	12-21
Device, Rem. acce.	13
Profiles, Virt. profiles VoIP account	14-21
Battery (status,...)	8
Help	8, 12

IP and ATM tests

page	
IP ping / Trace route	22
HTTP / FTP downl. FTP upload / server	23
IPTV / passive / scan	25
Video on Demand	26
VoIP call / call generator /wait	27

Copper tests

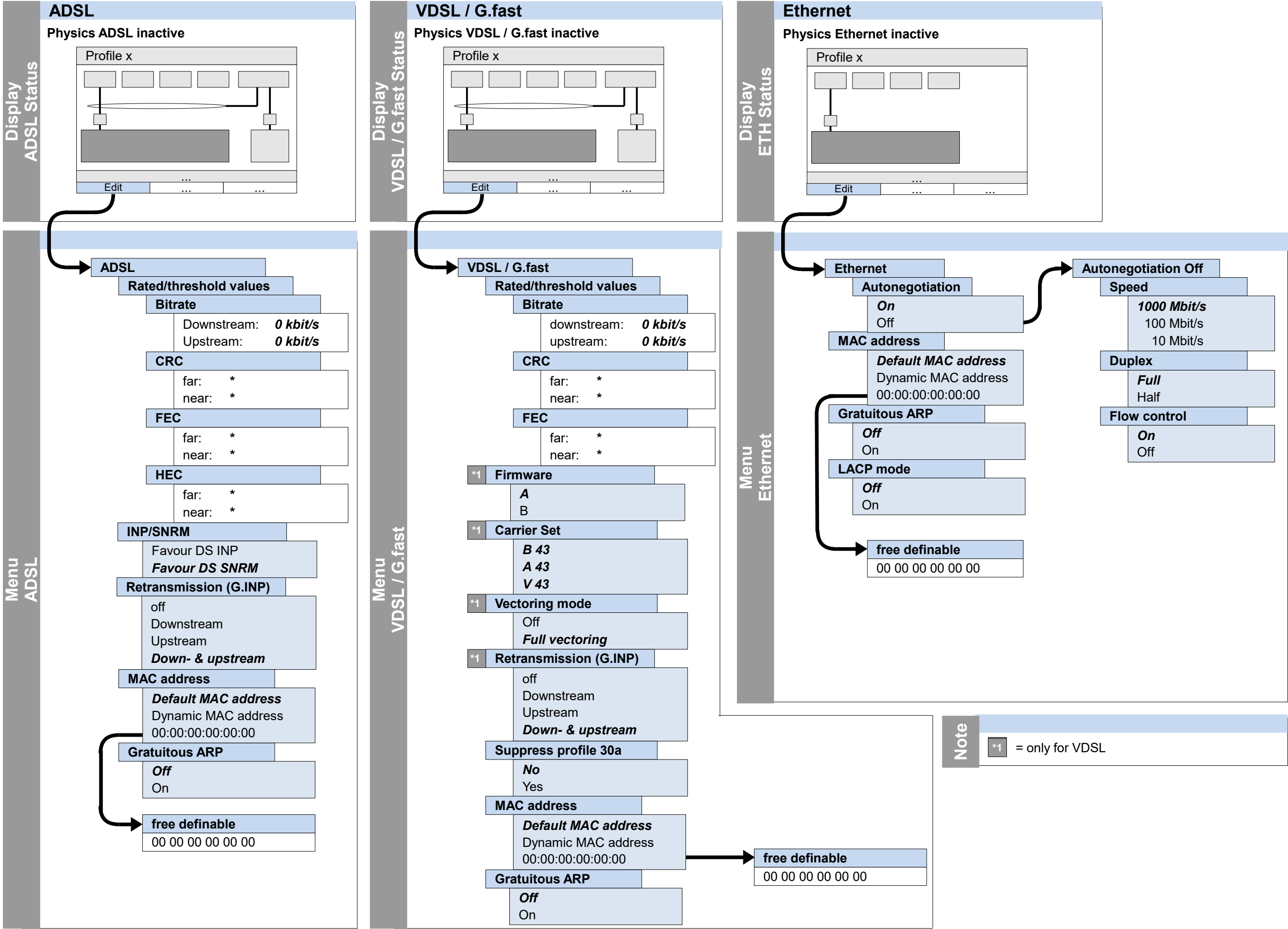
page	
Copper Box	30-31
Line scope, TDR	32

Other tests

page	
Textbrowser	24
Loop	28
ETH cable tests	29

Others

page	
Legend Protocol-overview	3
Hotkeys	4
Test leads	33-34

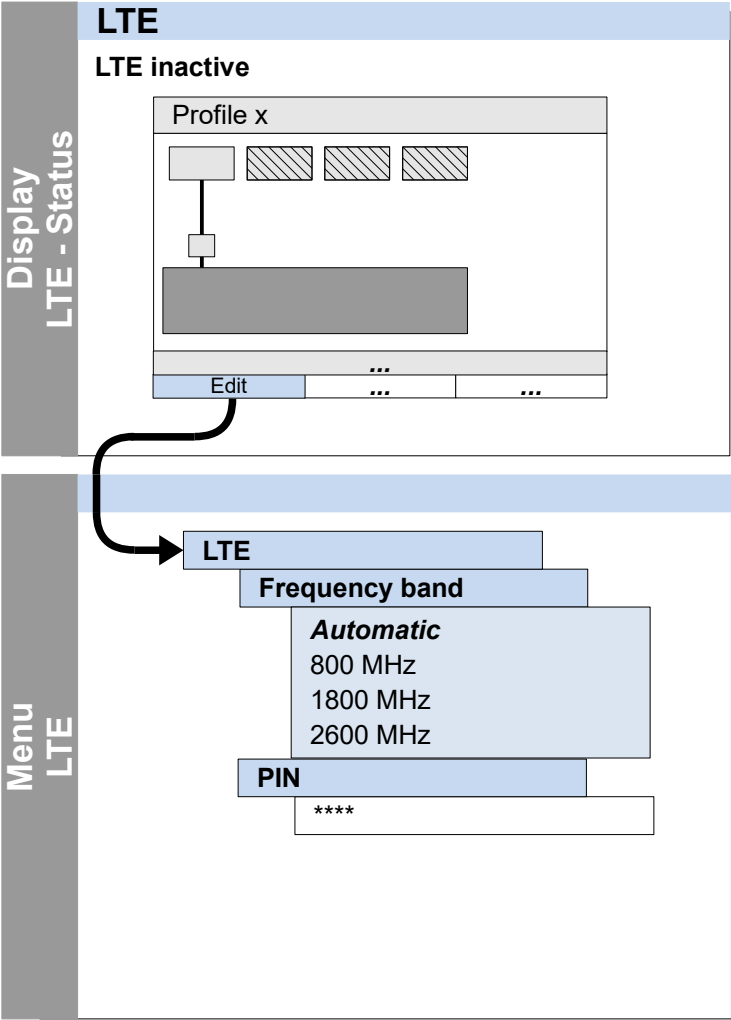


Settings

Phys. parameters: LTE

Cross reference:

Menu	page
Access	6
Access wizard	7
Main menu	8, 12
Single tests Data-, VoIP-, IPTV-, VoD-, Bridge-, Physic tests	8-10
Test results	8
Status	8
Parallel-, auto tests	10, 11
Settings	12-21
Device, Rem. acce.	13
Profiles, Virt. profiles VoIP account	14-21
Battery (status,...)	8
Help	8, 12
IP and ATM tests	page
IP ping / Trace route	22
HTTP / FTP downl. FTP upload / server	23
IPTV / passive /scan	25
Video on Demand	26
VoIP call / call generator /wait	27
Copper tests	page
Copper Box	30-31
Line scope, TDR	32
Other tests	page
Textbrowser	24
Loop	28
ETH cable tests	29
Others	page
Legend Protocol-overview	3
Hotkeys	4
Test leads	33-34



Settings

Profile – Services (Data service, VoIP service, IPTV service, Opt. service), Virt. Profile

Cross reference:

Menu	page
Access	6
Access wizard	7
Main menu	8, 12
Single tests Data-, VoIP-, IPTV-, VoD-, Bridge-, Physic tests	8-10
Test results	
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Help	8, 12

IP and ATM tests

page	
IP ping / Trace route	22
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Video on Demand	26
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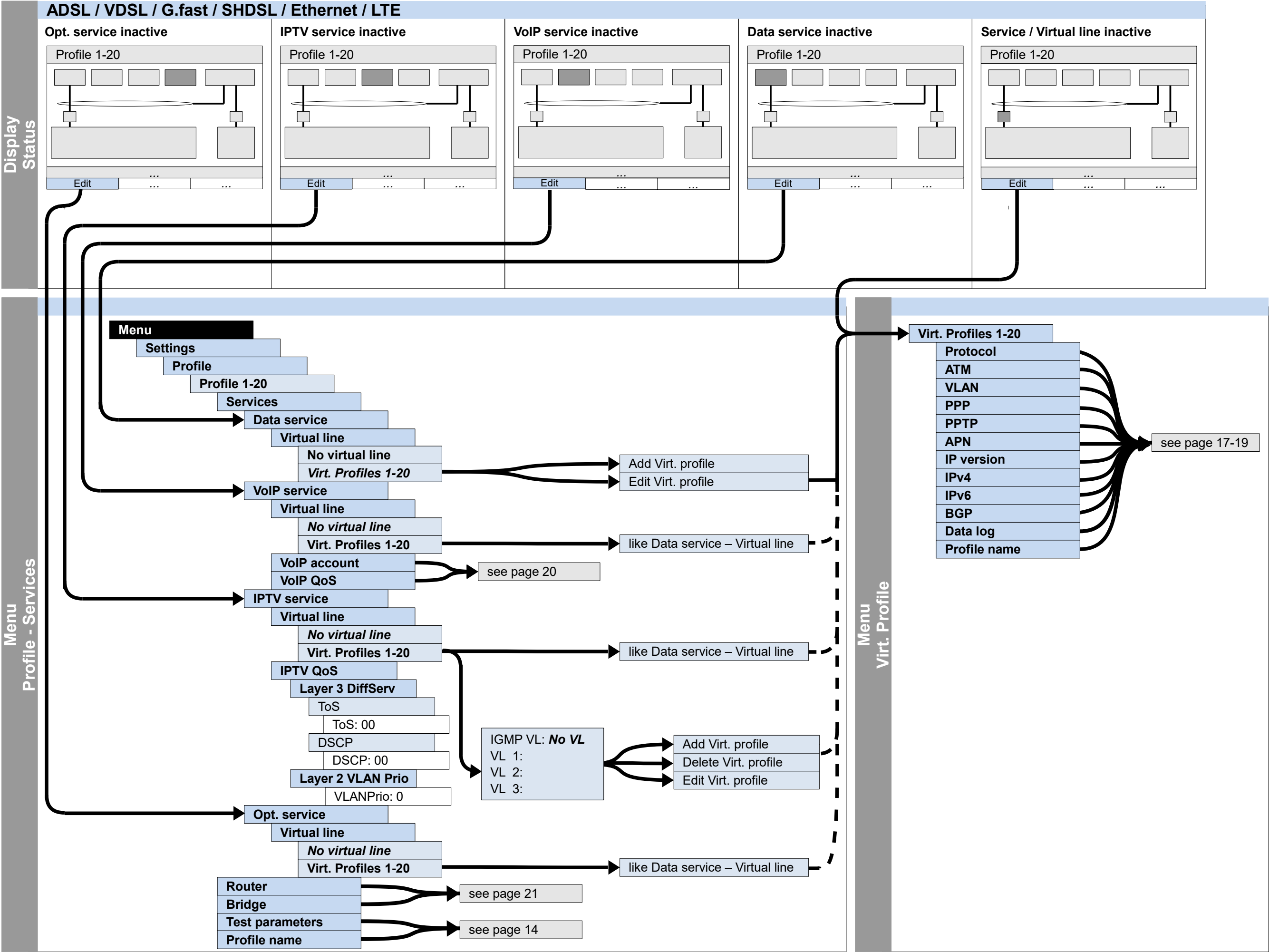
page	
Copper Box	30-31
Line scope, TDR	32

Other tests

page	
Textbrowser	24
Loop	28
ETH cable tests	29

Others

page	
Legend Protocol-overview	3
Hotkeys	4
Test leads	33-34

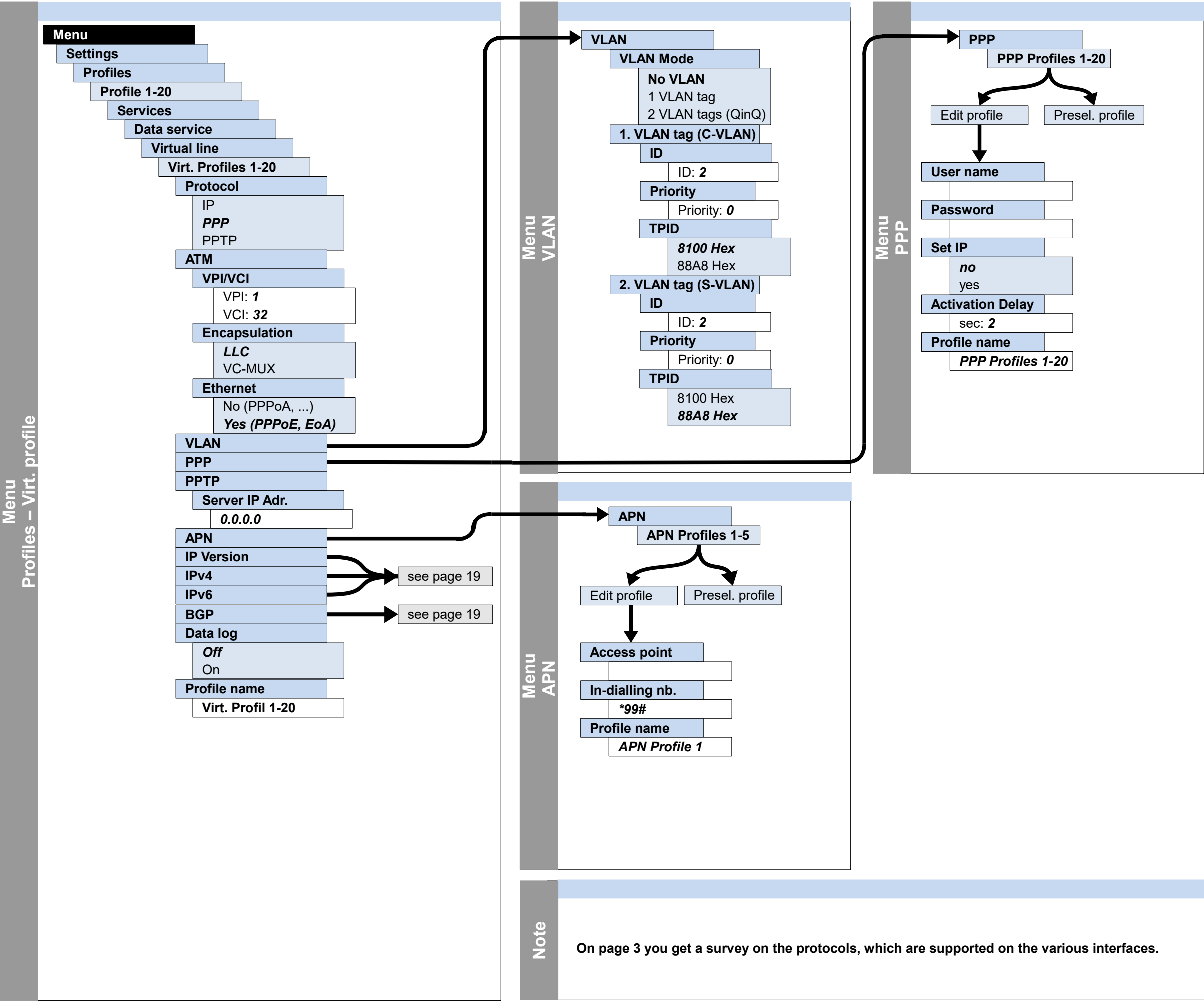


Settings

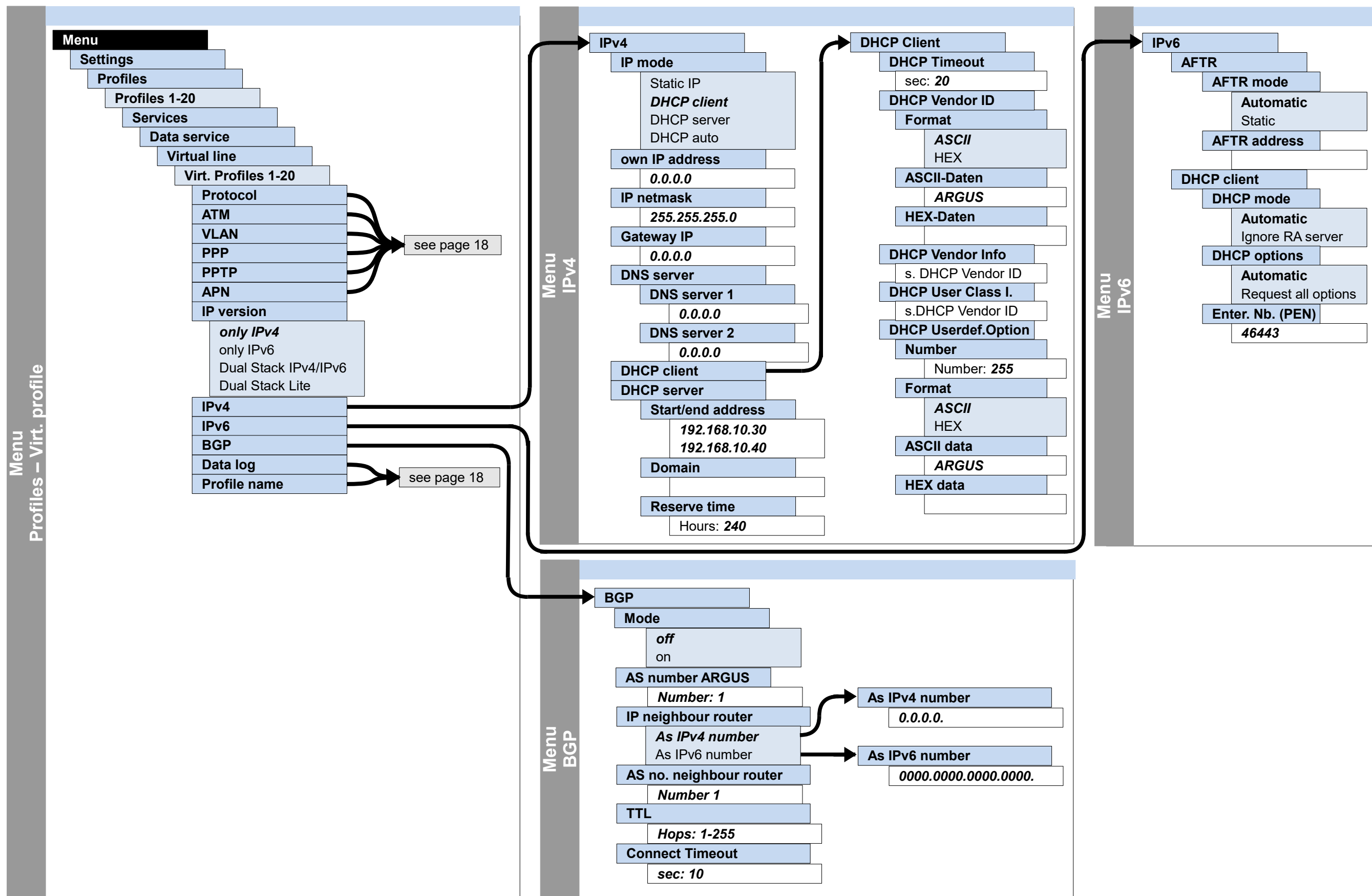
Profiles – Virt. profile (Protocol, ATM, VLAN, PPP, PPTP, APN, Data log, Profile name)

Cross reference:

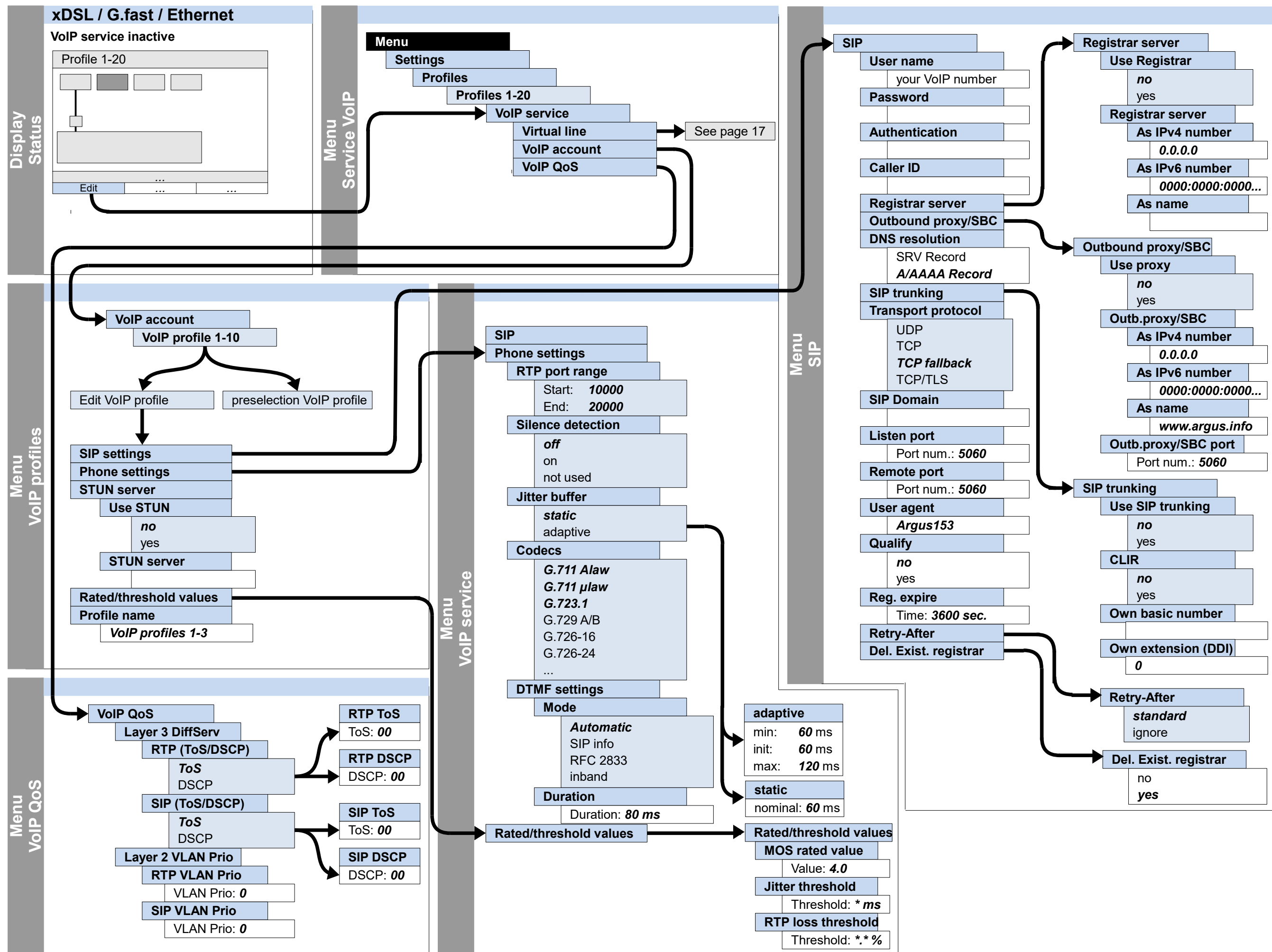
Menu	page
Access	6
Access wizard	7
Main menu	8, 12
Single tests	8-10
Data-, VoIP-, IPTV-,	
VoD-, Bridge-,	
Physic tests	
Test results	8
Status	8
Parallel-, auto tests	10, 11
Settings	12-21
Device, Rem. acce.	13
Profiles, Virt. profiles	14-21
VoIP account	
Battery (status,...)	8
Help	8, 12
IP and ATM tests	page
IP ping / Trace route	22
HTTP / FTP downl.	23
FTP upload / server	
IPTV / passive / scan	25
Video on Demand	26
VoIP call / call generator / wait	27
Copper tests	page
Copper Box	30-31
Line scope, TDR	32
Other tests	page
Textbrowser	24
Loop	28
ETH cable tests	29
Others	page
Legend	3
Protocol-overview	
Hotkeys	4
Test leads	33-34



Menu	page
Access	6
Access wizard	7
Main menu	8, 12
Single tests Data-, VoIP-, IPTV-, VoD-, Bridge-, Physic tests	8-10
Test results	8
Status	8
Parallel-, auto tests	10, 11
Settings	12-21
Device, Rem. acce.	13
Profiles, Virt. profiles VoIP account	14-21
Battery (status,...)	8
Help	8, 12
IP and ATM tests	page
IP ping / Trace route	22
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Copper tests	page
Copper Box	30-31
Line scope, TDR	32
Other tests	page
Textbrowser	24
Loop	28
ETH cable tests	29
Others	page
Legend Protocol-overview	3
Hotkeys	4
Test leads	33-34



Menu	page
Access	6
Access wizard	7
Main menu	8, 12
Single tests Data-, VoIP-, IPTV-, VoD-, Bridge-, Physic tests	8-10
Test results	8
Status	8
Parallel-, auto tests	10, 11
Settings	12-21
Device, Rem. acce.	13
Profiles, Virt. profiles VoIP account	14-21
Battery (status,...)	8
Help	8, 12
IP and ATM tests	page
IP ping / Trace route	22
HTTP / FTP downl. FTP upload / server	23
IPTV / passive /scan	25
Video on Demand	26
VoIP call / call generator /wait	27
Copper tests	page
Copper Box	30-31
Line scope, TDR	32
Other tests	page
Textbrowser	24
Loop	28
ETH cable tests	29
Others	page
Legend Protocol-overview	3
Hotkeys	4
Test leads	33-34



Settings

Profile – Bridge/Router (Ethernet, Router, Bridge)

Cross reference:

Menu	page
Access	6
Access wizard	7
Main menu	8, 12
Single tests	
Data-, VoIP-, IPTV-, VoD-, Bridge-, Physic tests	8-10
Test results	8
Status	8
Parallel-, auto tests	10, 11
Settings	12-21
Device, Rem. acce.	13
Profiles, Virt. profiles	
VoIP account	14-21
Battery (status,...)	8
Help	8, 12

IP and ATM tests

	page
IP ping / Trace route	22
HTTP / FTP downl.	
FTP upload / server	23
IPTV / passive /scan	25
Video on Demand	26
VoIP call / call generator /wait	27

Copper tests

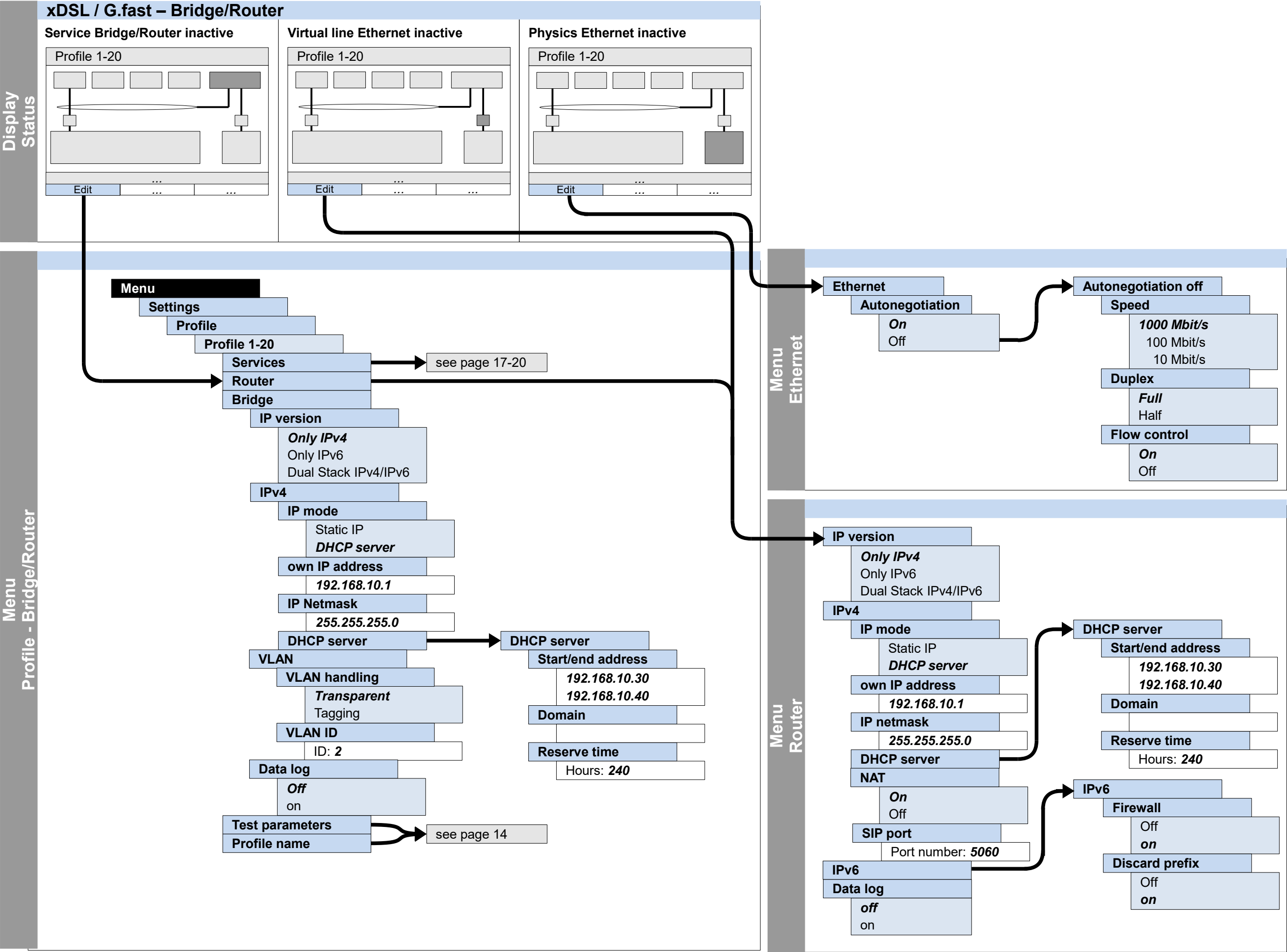
	page
Copper Box	30-31
Line scope, TDR	32

Other tests

	page
Textbrowser	24
Loop	28
ETH cable tests	29

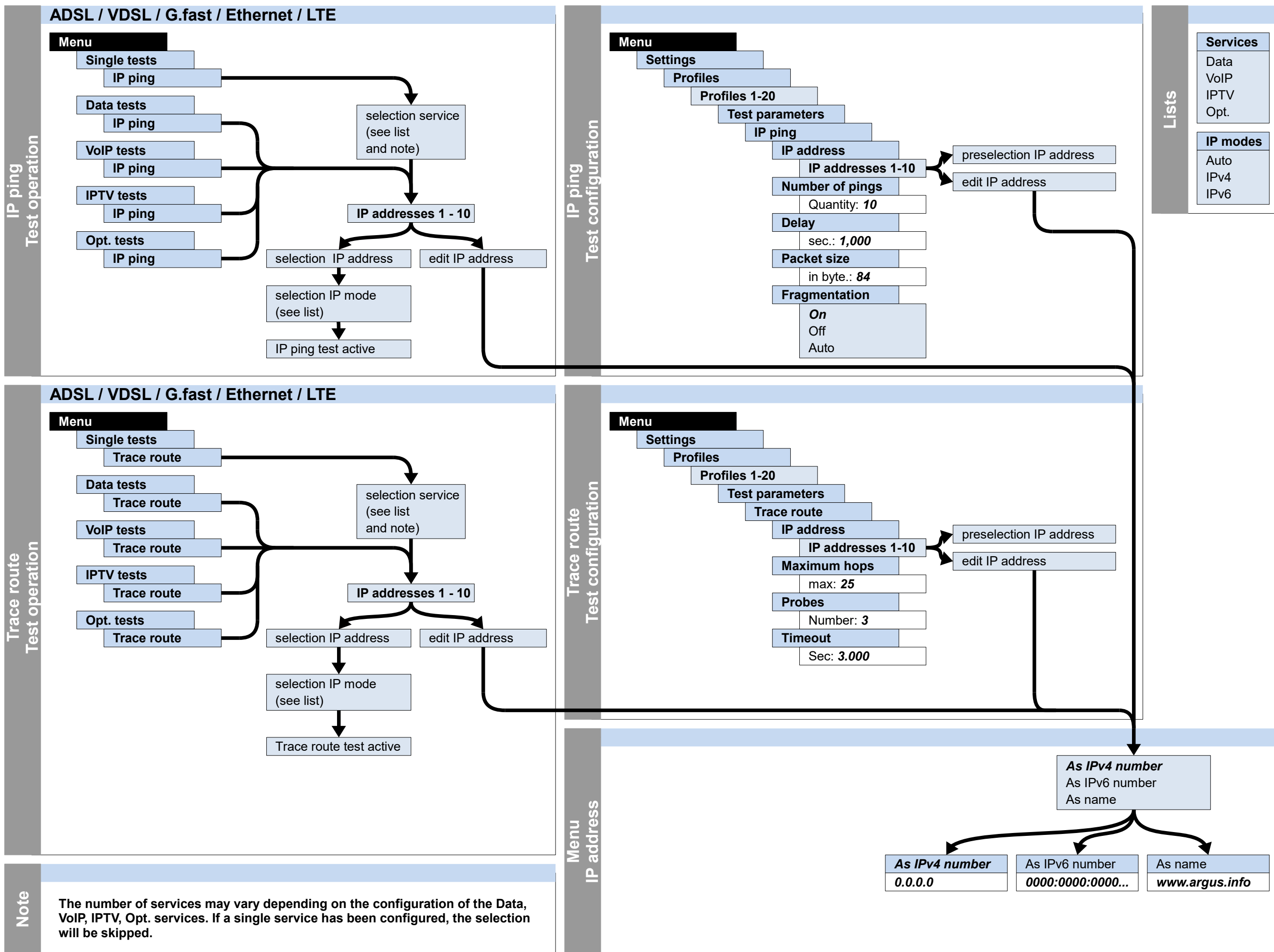
Others

	page
Legend	
Protocol-overview	3
Hotkeys	4
Test leads	33-34



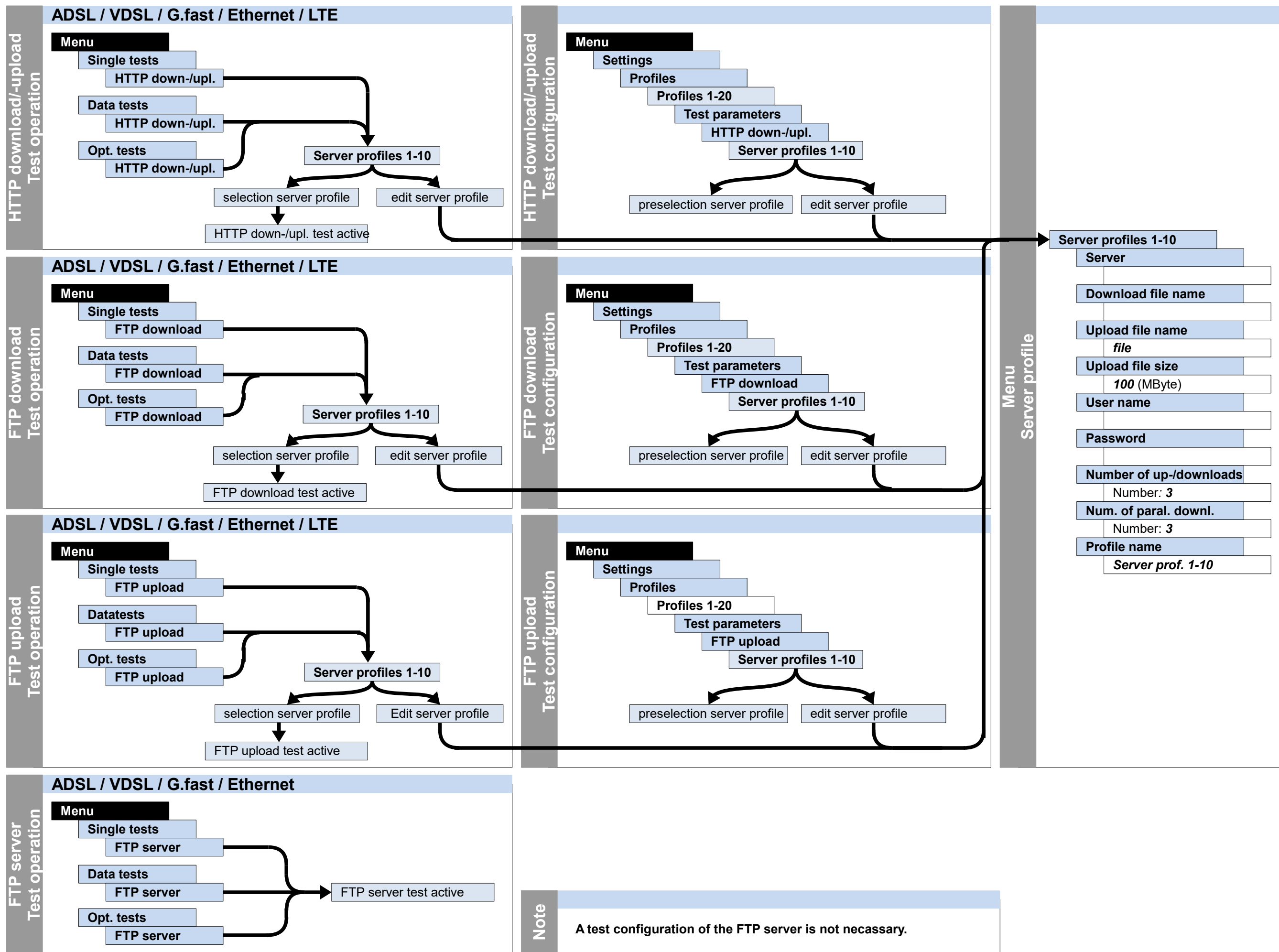
Cross reference:

Menu	page
Access	6
Access wizard	7
Main menu	8, 12
Single tests	
Data-, VoIP-, IPTV-, VoD-, Bridge-, Physic tests	8-10
Test results	8
Status	8
Parallel-, auto tests	10, 11
Settings	12-21
Device, Rem. acce.	13
Profiles, Virt. profiles	
VoIP account	14-21
Battery (status,...)	8
Help	8, 12
IP and ATM tests	page
IP ping / Trace route	22
HTTP / FTP downl.	
FTP upload / server	23
IPTV / passive / scan	25
Video on Demand	26
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Copper tests	page
Copper Box	30-31
Line scope, TDR	32
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Loop	28
ETH cable tests	29
Others	page
Legend	
Protocol-overview	3
Hotkeys	4
Test leads	33-34



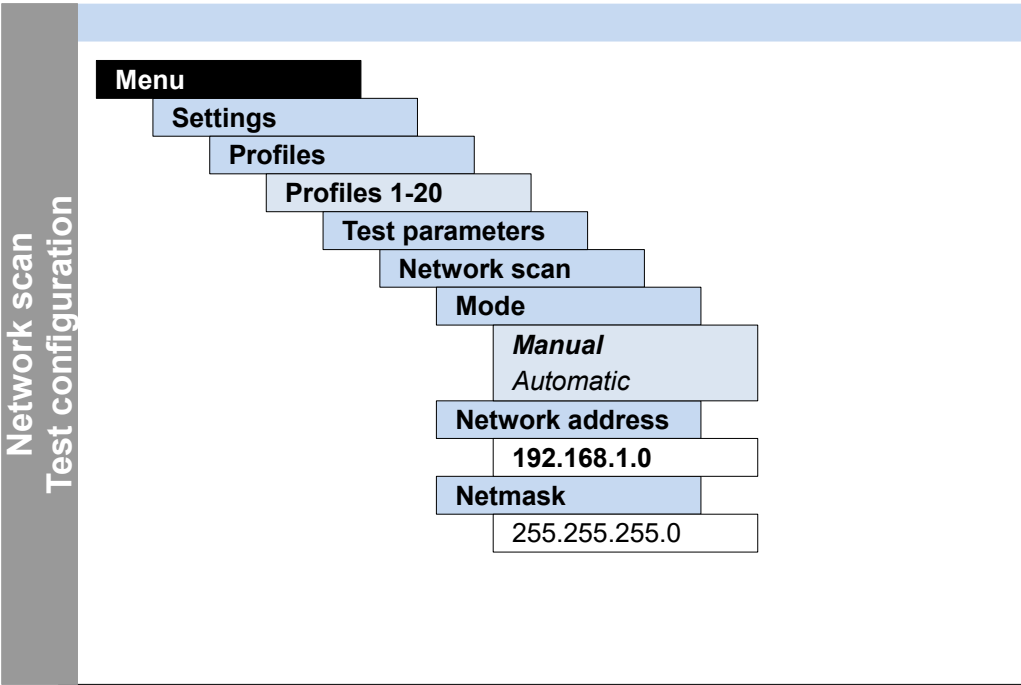
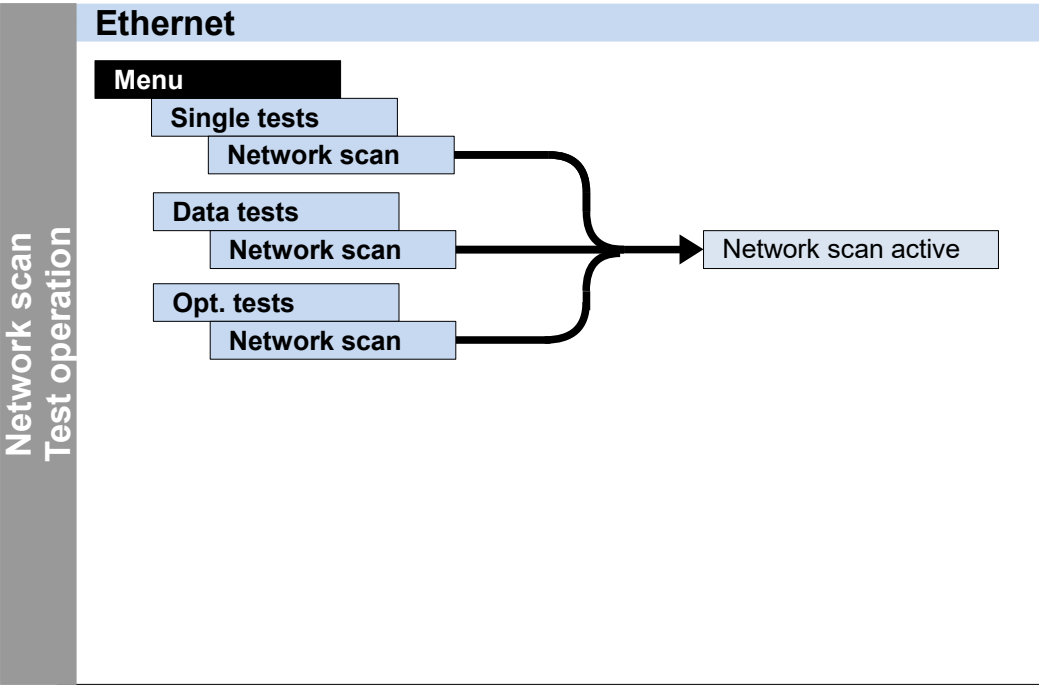
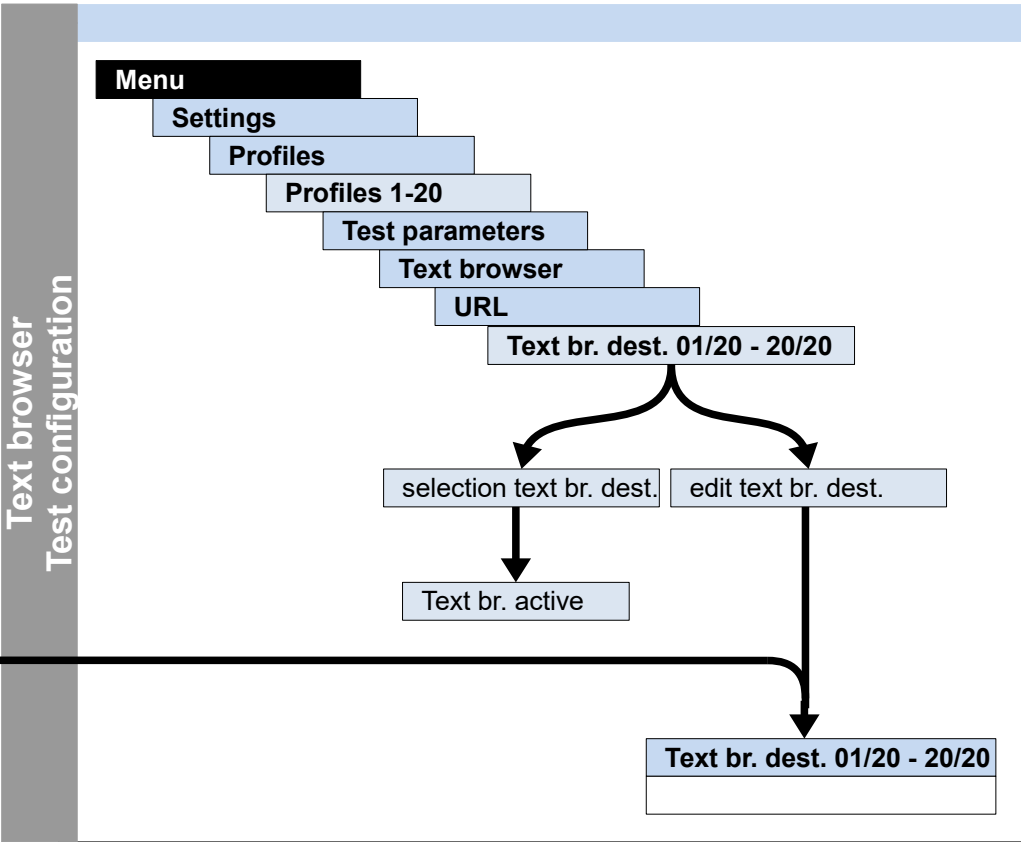
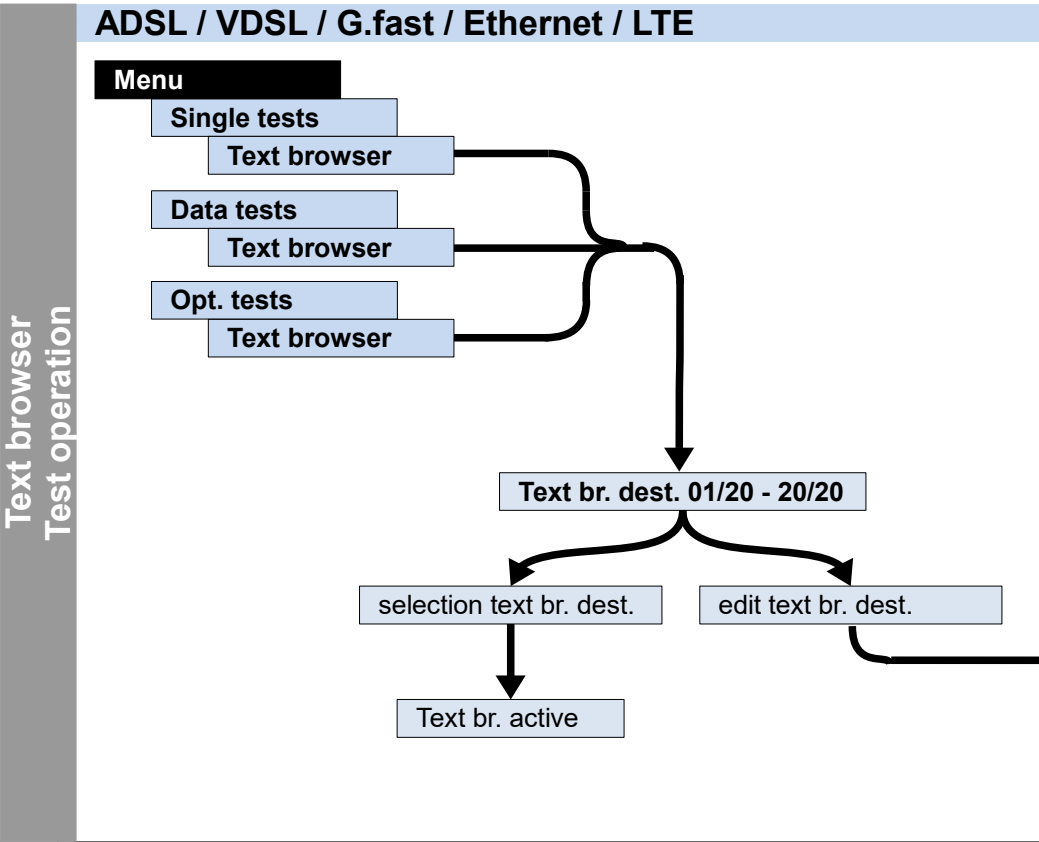
Cross reference:

Menu	page
Access	6
Access wizard	7
Main menu	8, 12
Single tests	
Data-, VoIP-, IPTV-, VoD-, Bridge-, Physic tests	8-10
Test results	8
Status	8
Parallel-, auto tests	10, 11
Settings	12-21
Device, Rem. acce.	13
Profiles, Virt. profiles	
VoIP account	14-21
Battery (status,...)	8
Help	8, 12
IP and ATM tests	page
IP ping / Trace route	22
HTTP / FTP downl. FTP upload / server	23
IPTV / passive / scan	25
Video on Demand	26
VoIP call / call generator /wait	27
Copper tests	page
Copper Box	30-31
Line scope, TDR	32
Other tests	page
Textbrowser	24
Loop	28
ETH cable tests	29
Others	page
Legend	
Protocol-overview	3
Hotkeys	4
Test leads	33-34



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Access	6
Access wizard	7
Main menu	8, 12
Single tests	8-10
Data-, VoIP-, IPTV-, VoD-, Bridge-, Physic tests	
Test results	
Status	
Parallel-, auto tests	10, 11
Settings	12-21
Device, Rem. acce.	13
Profiles, Virt. profiles	14-21
VoIP account	
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Help	8, 12
IP and ATM tests	page
IP ping / Trace route	22
HTTP / FTP downl. FTP upload / server	23
IPTV / passive /scan	25
Video on Demand	26
VoIP call / call generator /wait	27
Copper tests	page
Copper Box	30-31
Line scope, TDR	32
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Loop	28
ETH cable tests	29
Others	page
Legend	3
Protocol-overview	
Hotkeys	4
Test leads	33-34



Cross reference:

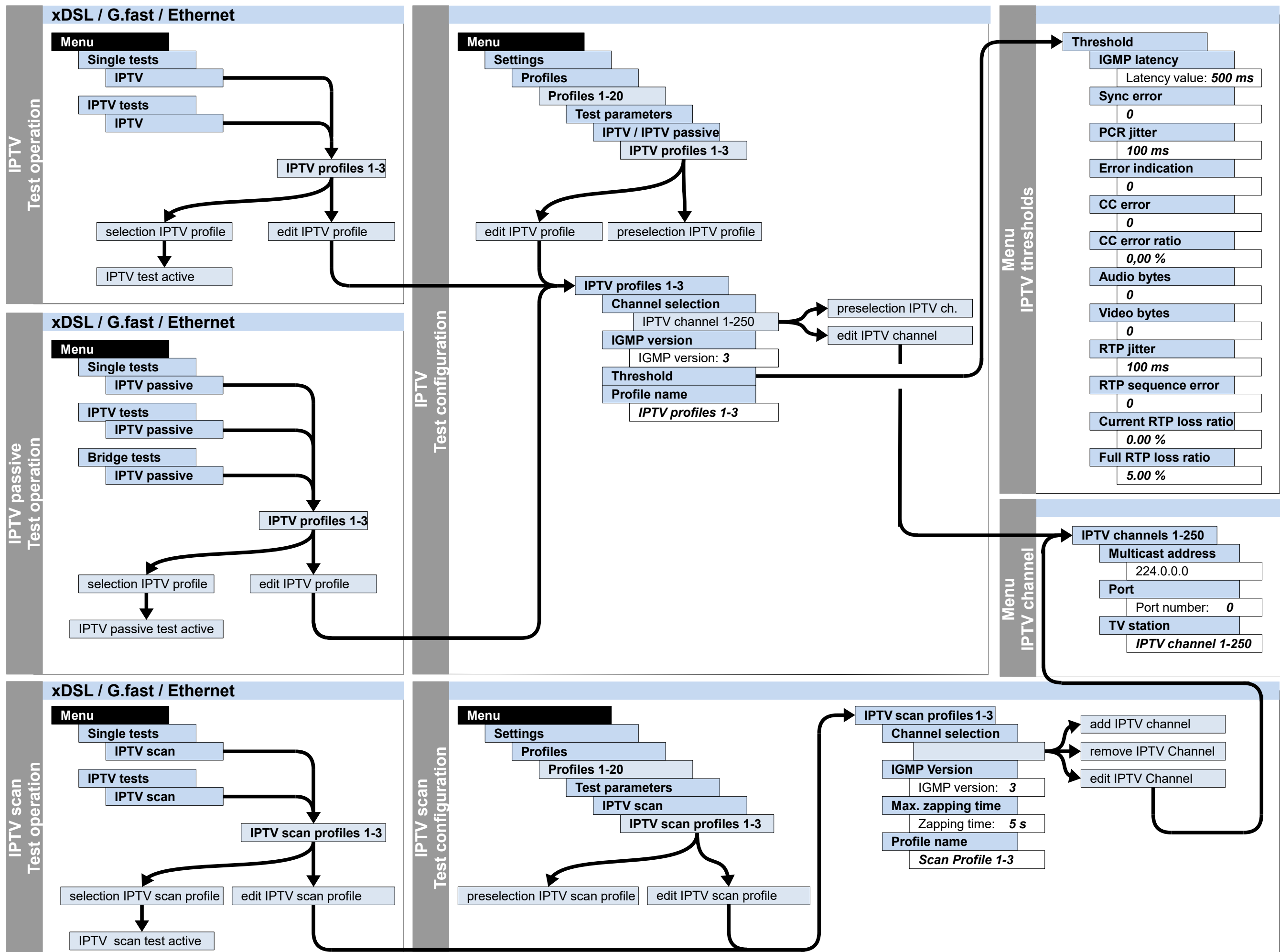
Menu	page
Access	6
Access wizard	7
Main menu	8, 12
Single tests	
Data-, VoIP-, IPTV-, VoD-, Bridge-, Physic tests	8-10
Test results	8
Status	8
Parallel-, auto tests	10, 11
Settings	12-21
Device, Rem. acce.	13
Profiles, Virt. profiles VoIP account	14-21
Battery (status,...)	8
Help	8, 12

IP and ATM tests	page
IP ping / Trace route	22
HTTP / FTP downl. FTP upload / server	23
IPTV / passive / scan	25
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VoIP call / call generator /wait	27

Copper tests	page
Copper Box	30-31
Line scope, TDR	32

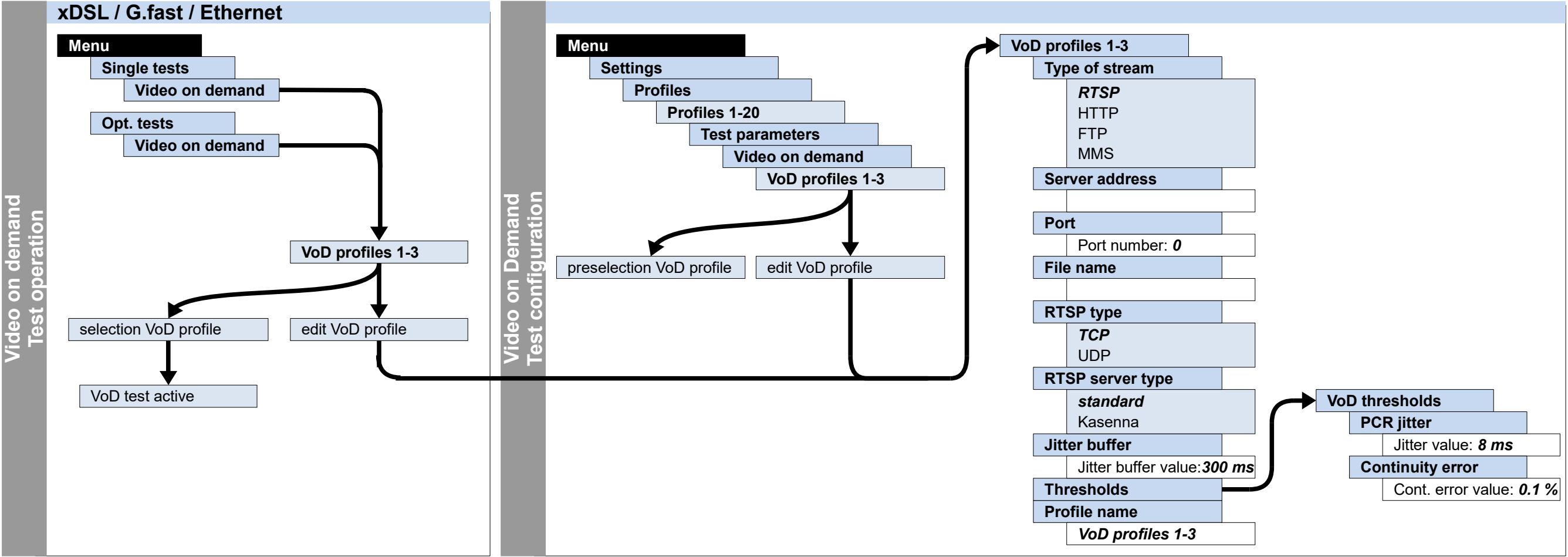
Other tests	page
Textbrowser	24
Loop	28
ETH cable tests	29

Others	page
Legend Protocol-overview	3
Hotkeys	4
Test leads	33-34



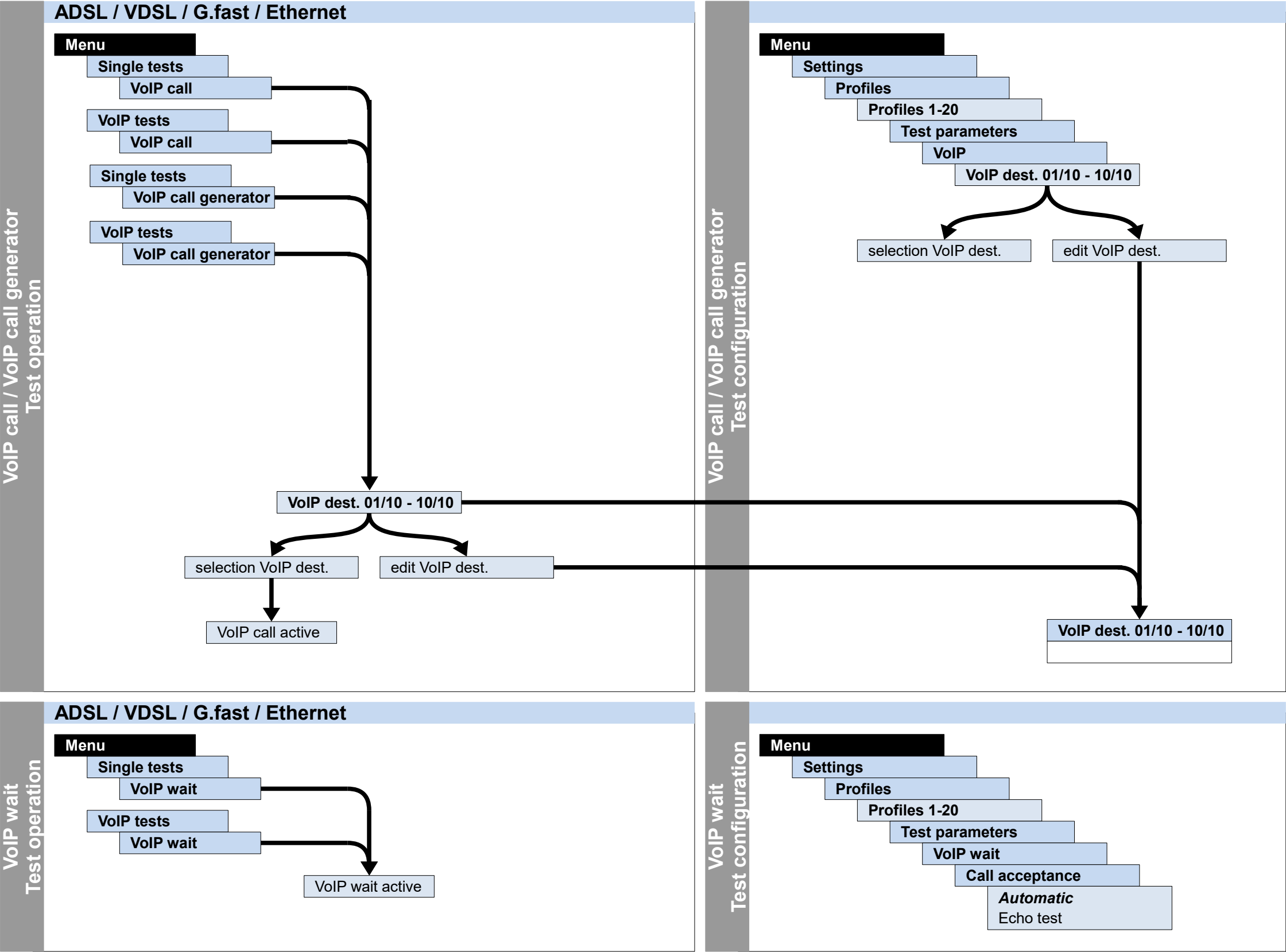
Cross reference:

Menu	page
Access	6
Access wizard	7
Main menu	8, 12
Single tests	
Data-, VoIP-, IPTV-, VoD-, Bridge-, Physic tests	8-10
Test results	8
Status	8
Parallel-, auto tests	10, 11
Settings	12-21
Device, Rem. acce.	13
Profiles, Virt. profiles	
VoIP account	14-21
Battery (status,...)	8
Help	8, 12
IP and ATM tests	page
IP ping / Trace route	22
HTTP / FTP downl. FTP upload / server	23
IPTV / passive /scan	25
Video on Demand	26
VoIP call / call generator /wait	27
Copper tests	page
Copper Box	30-31
Line scope, TDR	32
Other tests	page
Textbrowser	24
Loop	28
ETH cable tests	29
Others	page
Legend	
Protocol-overview	3
Hotkeys	4
Test leads	33-34



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Menu	page
Access	6
Access wizard	7
Main menu	8, 12
Single tests	8-10
Data-, VoIP-, IPTV-, VoD-, Bridge-, Physic tests	
Test results	
Status	
Parallel-, auto tests	10, 11
Settings	12-21
Device, Rem. acce.	13
Profiles, Virt. profiles	14-21
VoIP account	
Battery (status,...)	8
Help	8, 12
IP and ATM tests	page
IP ping / Trace route	22
HTTP / FTP downl. FTP upload / server	23
IPTV / passive /scan	25
Video on Demand	26
VoIP call / call generator /wait	27
Copper tests	page
Copper Box	30-31
Line scope, TDR	32
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Loop	28
ETH cable tests	29
Others	page
Legend	3
Protocol-overview	
Hotkeys	4
Test leads	33-34

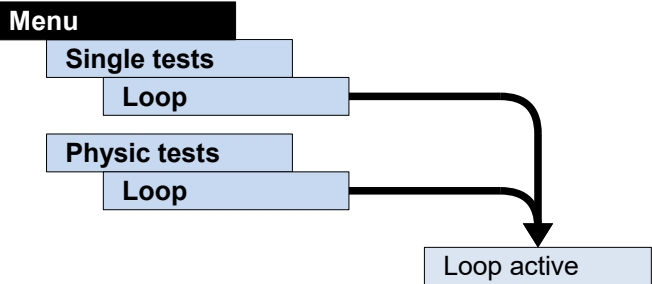


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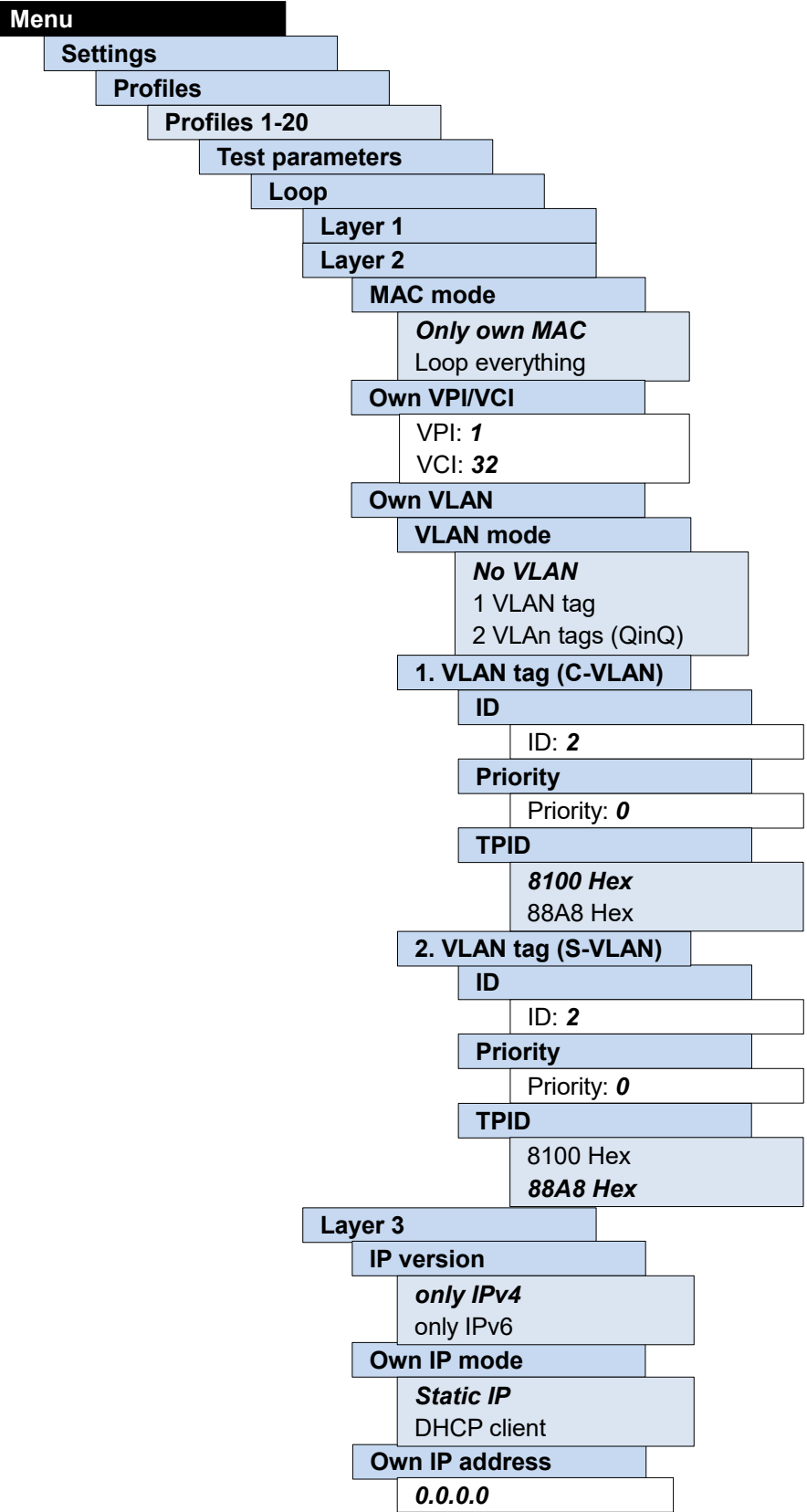
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Access	6
Access wizard	7
Main menu	8, 12
Single tests Data-, VoIP-, IPTV-, VoD-, Bridge-, Physic tests	8-10
Test results	8
Status	8
Parallel-, auto tests	10, 11
Settings	12-21
Device, Rem. acce.	13
Profiles, Virt. profiles VoIP account	14-21
Battery (status,...)	8
Help	8, 12
IP and ATM tests	page
IP ping / Trace route	22
HTTP / FTP downl. FTP upload / server	23
IPTV / passive /scan	25
Video on Demand	26
VoIP call / call generator /wait	27
Copper tests	page
Copper Box	30-31
Line scope, TDR	32
Other tests	page
Textbrowser	24
Loop	28
ETH cable tests	29
Others	page
Legend Protocol-overview	3
Hotkeys	4
Test leads	33-34

Loop
Test operation

Ethernet IP based

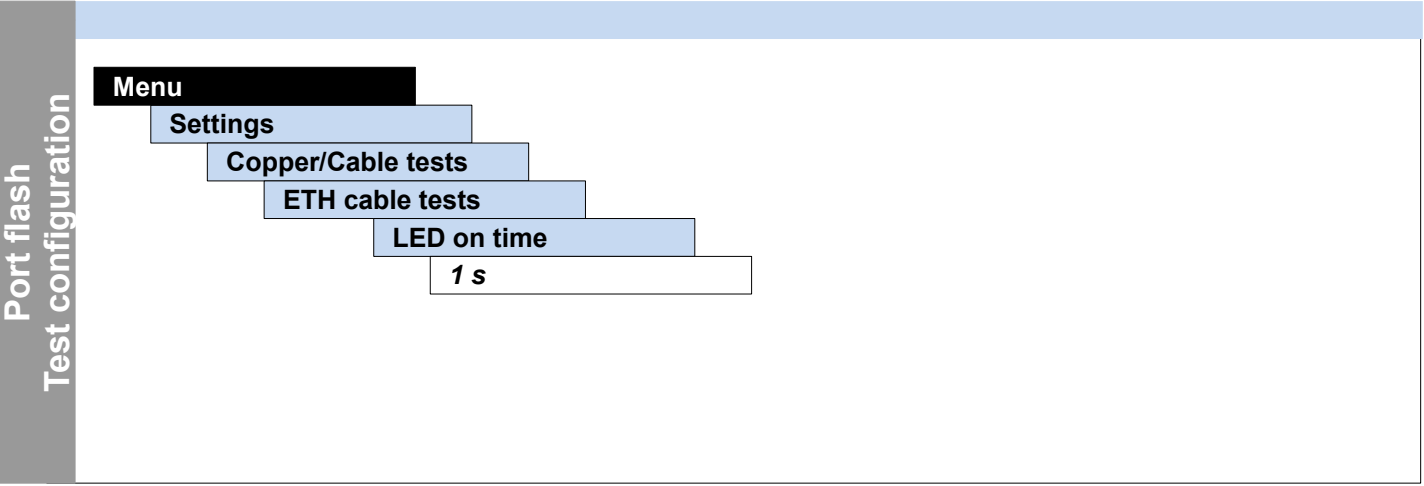
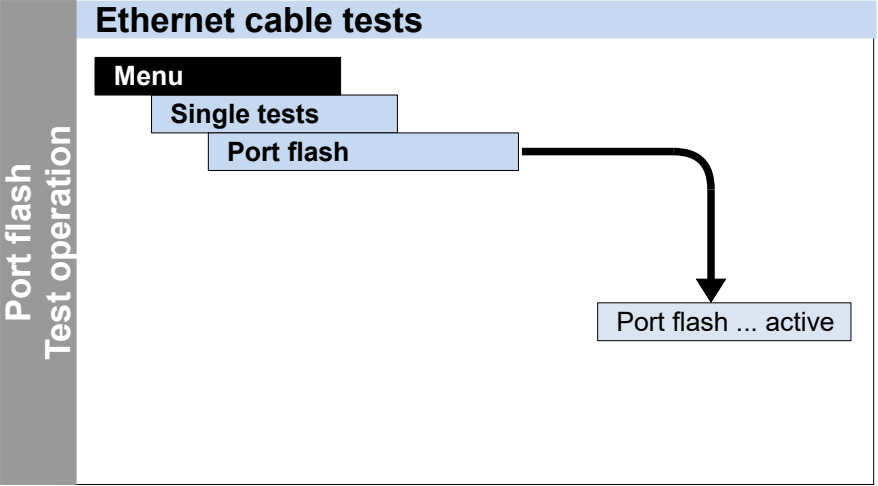


Loop
Test configuration



Cross reference:

Menu	page
Access	6
Access wizard	7
Main menu	8, 12
Single tests Data-, VoIP-, IPTV-, VoD-, Bridge-, Physic tests	8-10
Test results	8
Status	8
Parallel-, auto tests	10, 11
Settings	12-21
Device, Rem. acce.	13
Profiles, Virt. profiles VoIP account	14-21
Battery (status,...)	8
Help	8, 12
IP and ATM tests	page
IP ping / Trace route	22
HTTP / FTP downl. FTP upload / server	23
IPTV / passive /scan	25
Video on Demand	26
VoIP call / call generator /wait	27
Copper tests	page
Copper Box	30-31
Line scope, TDR	32
Other tests	page
Textbrowser	24
Loop	28
ETH cable tests	29
Others	page
Legend Protocol-overview	3
Hotkeys	4
Test leads	33-34



Cross reference:

Menu	page
Access	6
Access wizard	7
Main menu	8, 12
Single tests Data-, VoIP-, IPTV-, VoD-, Bridge-, Physic tests	8-10
Test results	8
Status	8
Parallel-, auto tests	10, 11
Settings	12-21
Device, Rem. acce.	13
Profiles, Virt. profiles VoIP account	14-21
Battery (status,...)	8
Help	8, 12

IP and ATM tests	page
IP ping / Trace route	22
HTTP / FTP downl. FTP upload / server	23
IPTV / passive /scan	25
Video on Demand	26
VoIP call / call generator /wait	27

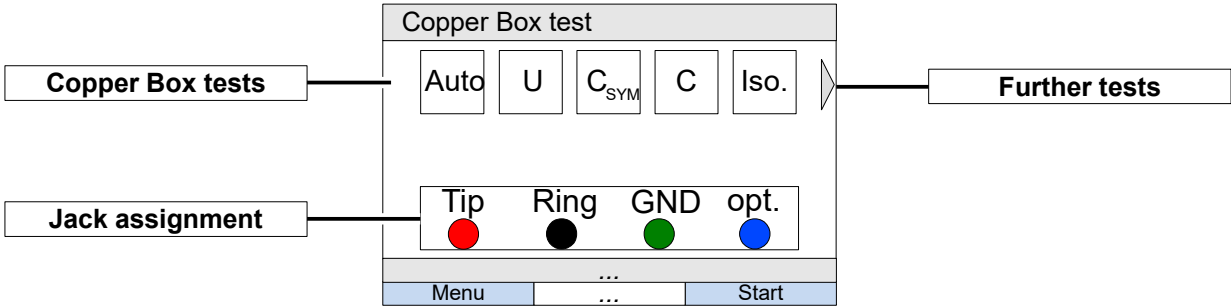
Copper tests	page
Copper Box	30-31
Line scope, TDR	32

Other tests	page
Textbrowser	24
Loop	28
ETH cable tests	29

Others	page
Legend Protocol-overview	3
Hotkeys	4
Test leads	33-34

Legend
status

ARGUS Copper Box



Menu hotkeys

ARGUS Copper Box

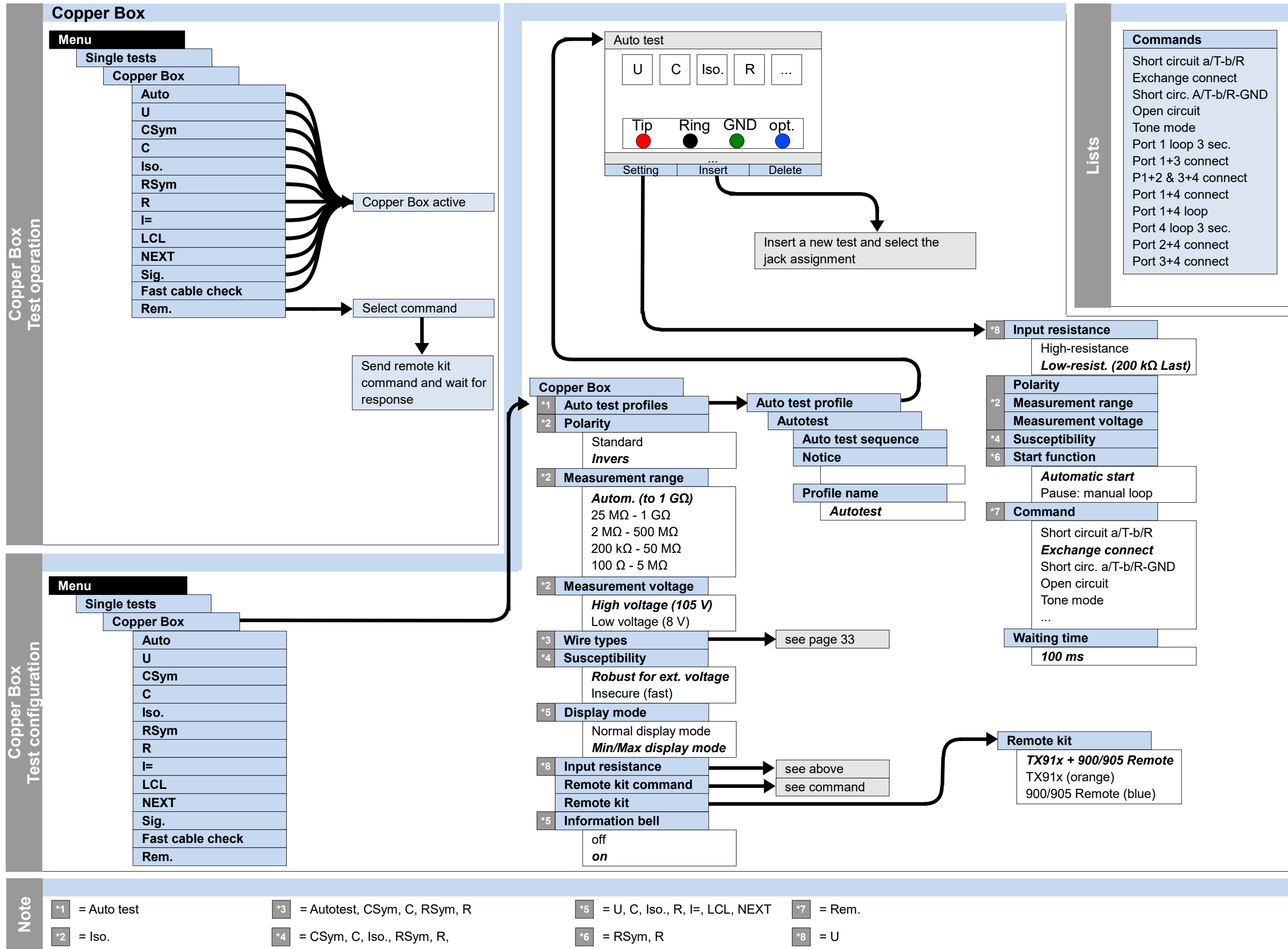
Key	Auto test	Voltage measurement	Capacitive symmetry measurement	Capacitance measurement	Isolation resistance measurement	Resistance symmetry measurement	Loop resistance measurement	DC current measurement	Unbalance	Near-end crosstalk	Termination detection	Fast cable check	Remote control of loop assistant
0	-	Reset	-	Reset	-	-	Reset	-	-	-	-	-	-
1	Auto test prof.	-	-	-	-	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-	-	-	-	-	-
3	-	-	-	-	Polarity	-	-	-	-	-	-	-	-
4	-	-	-	-	Meas. range	-	-	-	-	-	-	-	-
5	-	-	-	-	Meas. voltage	-	-	-	-	-	-	-	-
6	Wire types	-	Wire types	-	Wire types	-	-	-	-	-	-	-	-
7	QR code	-	-	-	-	-	-	-	-	-	-	-	-
8	-	-	Susceptibility	-	-	-	-	-	-	-	-	-	-
9	-	Display mode	-	Display mode	-	-	Display mode	-	-	-	-	-	-
↵	-	-	-	-	-	-	-	-	-	-	-	-	-
#	-	Input resistance	-	-	-	-	-	-	-	-	-	-	-
ⓘ	-	-	-	-	-	-	Information bell	-	-	-	-	-	-
* then 0	-	-	-	-	-	-	-	-	-	-	-	-	-
* then 1	-	-	-	-	-	-	Copper Box info	-	-	-	-	-	-
* then 2	-	-	-	-	-	-	-	-	-	-	-	-	-
* then 3	-	-	-	-	-	-	-	-	-	-	-	-	-
* then 6	-	-	-	-	-	-	-	-	-	-	-	-	-
* then 7	-	-	-	-	-	-	Store	-	-	-	-	-	-
* then #	-	-	-	-	-	-	Remote kit command	-	-	-	-	-	-
	-	-	-	-	-	-	Remote kit	-	-	-	-	-	-

Note

The hotkeys can vary depending on the selected sockets.

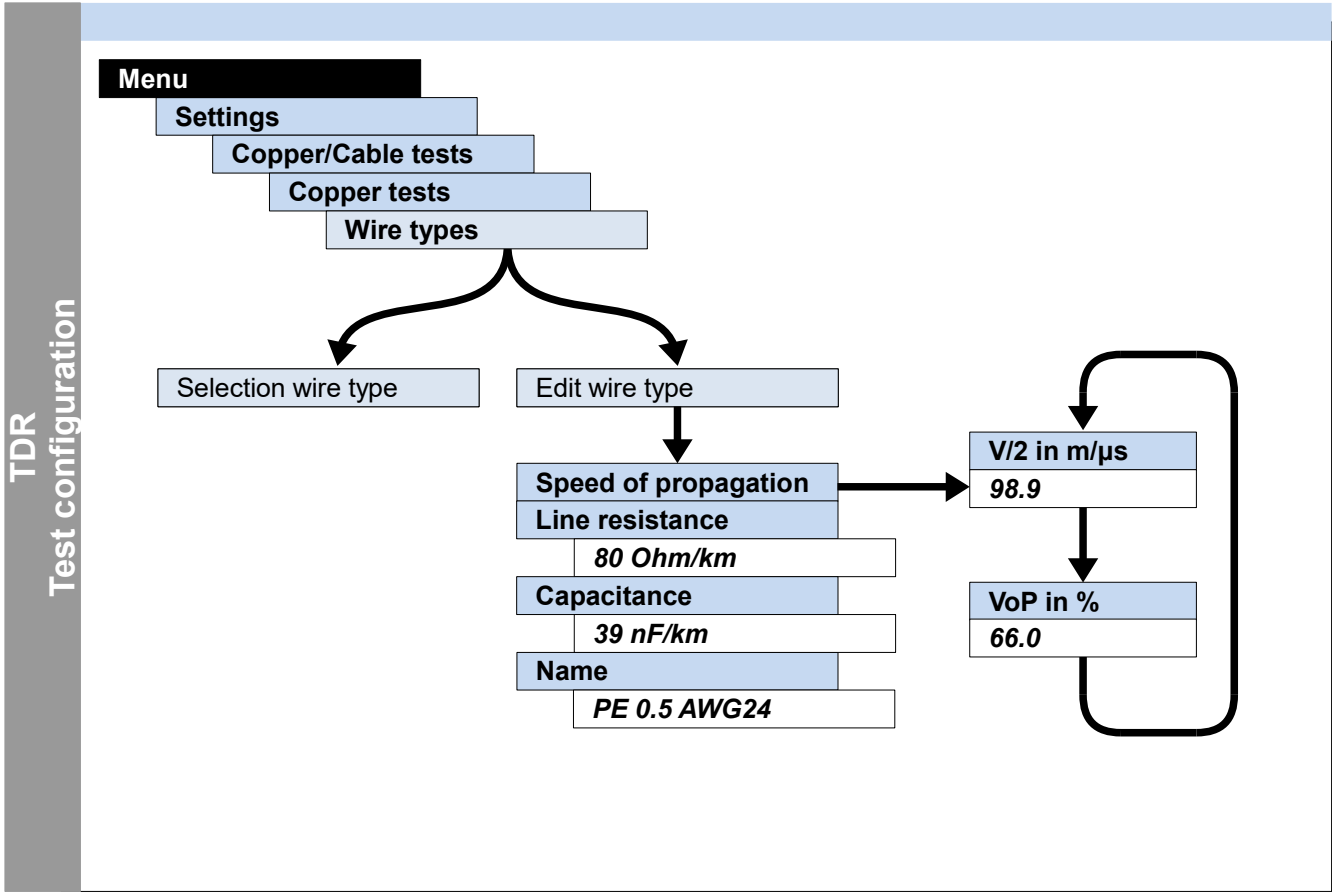
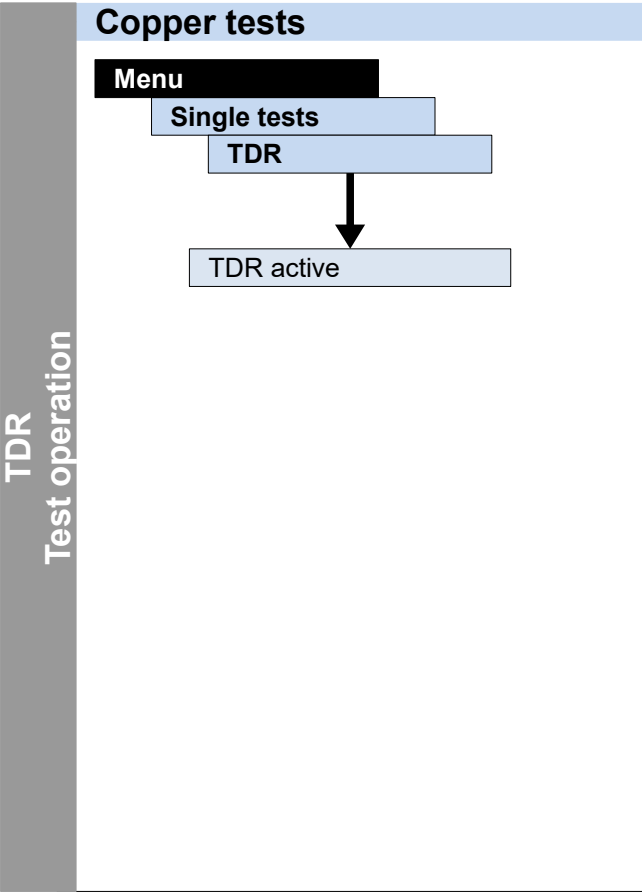
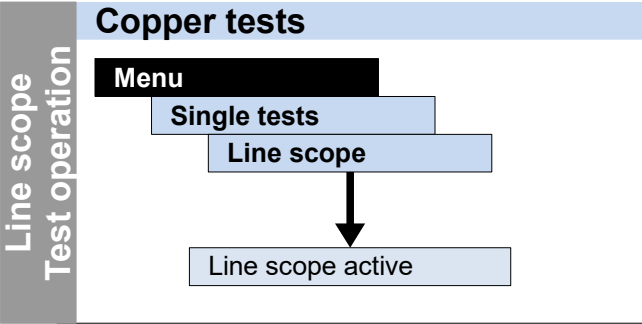
Cross reference:

Menu	page
Access	6
Access wizard	7
Main menu	8, 12
Single tests	
Data-, VoIP-, IPTV-, VoD-, Bridge-, Physic tests	8-10
Test results	8
Status	8
Parallel-, auto tests	10, 11
Settings	12-21
Device, Rem. acce.	13
Profiles, Virt. profiles	
VoIP account	14-21
Battery (status,...)	8
Help	8, 12
IP and ATM tests	page
IP ping / Trace route	22
HTTP / FTP downl. FTP upload / server	23
IPTV / passive / scan	25
Video on Demand	26
VoIP call / call generator / wait	27
Copper tests	page
Copper Box	30-31
Line scope, TDR	32
Other tests	page
Textbrowser	24
Loop	28
ETH cable tests	29
Others	page
Legend	
Protocol-overview	3
Hotkeys	4
Test leads	33-34



Cross reference:

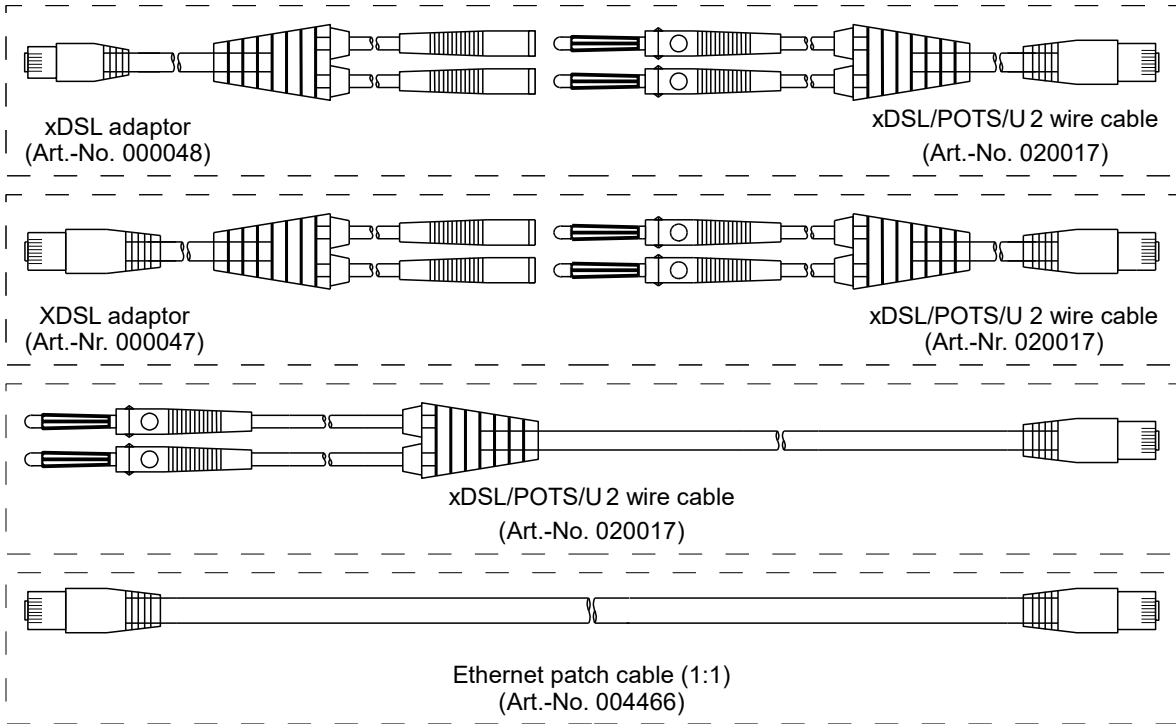
Menu	page
Access	6
Access wizard	7
Main menu	8, 12
Single tests Data-, VoIP-, IPTV-, VoD-, Bridge-, Physic tests	8-10
Test results	8
Status	8
Parallel-, auto tests	10, 11
Settings	12-21
Device, Rem. acce.	13
Profiles, Virt. profiles VoIP account	14-21
Battery (status,...)	8
Help	8, 12
IP and ATM tests	page
IP ping / Trace route	22
HTTP / FTP downl. FTP upload / server	23
IPTV / passive /scan	25
Video on Demand	26
VoIP call / call generator /wait	27
Copper tests	page
Copper Box	30-31
Line scope, TDR	32
Other tests	page
Textbrowser	24
Loop	28
ETH cable tests	29
Others	page
Legend Protocol-overview	3
Hotkeys	4
Test leads	33-34



Test leads and pin assignments
ADSL, VDSL, G.fast, Ethernet

Cross reference:	
Menu	page
Access	6
Access wizard	7
Main menu	8, 12
Single tests	8-10
Data-, VoIP-, IPTV-,	
VoD-, Bridge-,	
Physic tests	
Test results	8
Status	8
Parallel-, auto tests	10, 11
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Device, Rem. acce.	13
Profiles, Virt. profiles	14-21
VoIP account	
Battery (status,...)	8
Help	8, 12
IP and ATM tests	
IP ping / Trace route	22
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Copper tests	
Copper Box	30-31
Line scope, TDR	32
Other tests	
Textbrowser	24
Loop	28
ETH cable tests	29
Others	
Legend	3
Protocol-overview	
Hotkeys	4
Test leads	33-34

ADSL / VDSL / G.fast

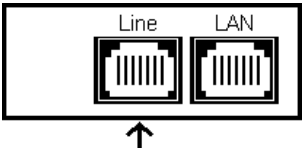


RJ11	Ban.	RJ45
3	rd	4
4	blk	5

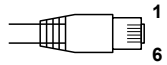
RJ45	Ban.	RJ45
4	rt	4
5	sw	5

Ban.	RJ45
rd	4
blk	5

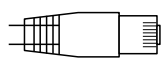
RJ45	RJ45
1-8	1-8



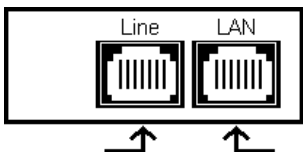
RJ11



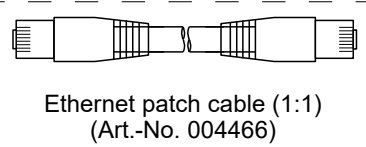
RJ45



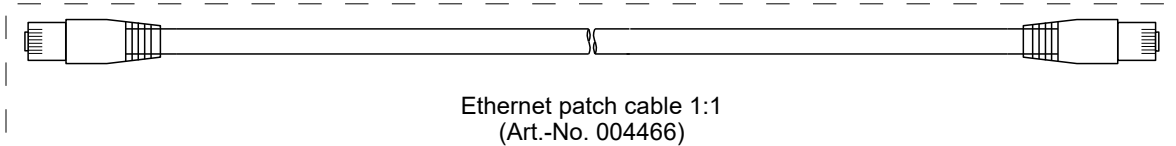
ADSL / VDSL / G.fast – Bridge / Router



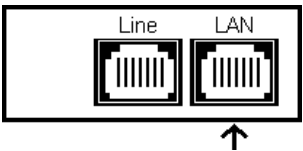
RJ45	RJ45
1-8	1-8



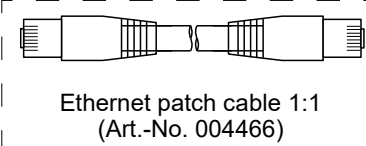
Ethernet



RJ45	RJ45
1-8	1-8



RJ45	RJ45
1-8	1-8



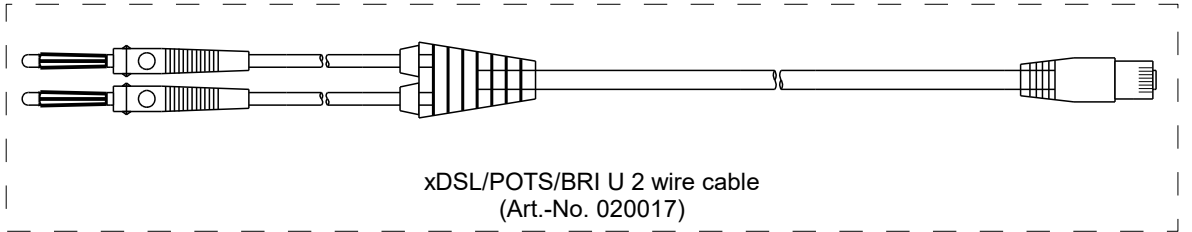
Test leads and pin assignments

Copper tests

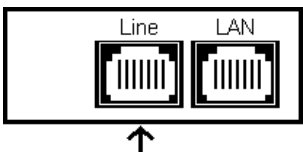
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Access	6
Access wizard	7
Main menu	8, 12
Single tests	
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Device, Rem. acce.	13
Profiles, Virt. profiles	
VoIP account	14-21
Battery (status,...)	8
Help	8, 12
IP and ATM tests	page
IP ping / Trace route	22
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FTP upload / server	23
IPTV / passive /scan	25
Video on Demand	26
VoIP call / call generator /wait	27
Copper tests	page
Copper Box	30-31
Line scope, TDR	32
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Textbrowser	24
Loop	28
ETH cable tests	29
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Legend	
Protocol-overview	3
Hotkeys	4
Test leads	33-34

Copper tests: Line scope / TDR

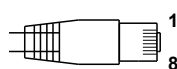


Ban.	RJ45
rd	4
blk	5

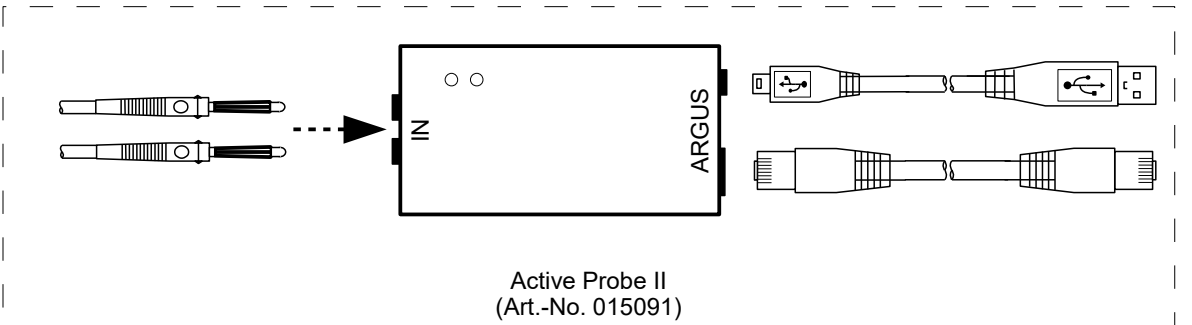


The copper tests are performed using pin 4/5 of the line interface. Alternatively, the test can Be carried out with every Other test leads that is Using pin 4/5.

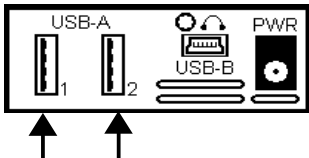
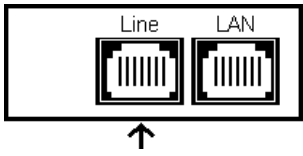
RJ45



Copper tests: Line scope



Ban.	RJ45
blk	4
blk	5



The Active Probe II needs to be powered by the USB-A interface. The power supply can be enabled in the settings or according tests.



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