



GPON MONITORING SOFTWARE

Description

GPON Monitoring software enables network visualization and control of equipment to facilitate asset management and reduce support team reaction time if intervention is required.

Features

- Available in the 3 languages (PT-BR / EN / ES);
- Device Discovery, with manual addition of OLTs (SNMPv2 and SNMPv3) and ONUs;
- Automatic discovery of ONUs by OLT;
- OLTs management (editing and removal);
- OLT preview:
 - OLT's health: CPU, memory used, temperature, uptime;
 - Bandwidth consumption of interfaces;
 - Interface status;
 - List of ONUs:
 - Total, active, inactive or looped;
 - Visualization by OLT and PON port;
 - By PON slot / port, status, firmware version, RX power, MAC Address, GPON SN, model, Profile, IP host, etc.
- Monitoring of Generic Elements:
 - PING (UP or Down);
 - Availability;
 - Lost packets;
 - Dashboard filters;
 - Registration of elements by Templates;
 - Dashboard;
- Viewing ONUs:
 - ONT status;
 - Optical power;
 - Interface status;
 - Instant Transceiver temperature;
 - Distance;
 - ONU dashboard and IP-host;
 - Interface band: graph of data traffic from ONT's ETH ports and their aggregates;
- List of ONUs;
- OLT Syslog;
- Dashboards with temperature visualization, Status uptime, Traffic of Uplink interfaces;
- 6 months of monitoring history;
- Dashboard playlist for display at the NOC;
- Links to IP-Host / ONU's WEB page;
- Notifications:
 - Notifications via SMTP server;
 - Sending e-mail for configurable events, including disconnection of ONT's;
 - Possibility to customize the notifications you want to receive by e-mail.





Configuration	Sending no	tifications by e-mail, cor	nfigurable fo	or each c	levice.			
Security	 Backup & F Viewing OL Licensing, I 	new users and change Restore function of the a T logs; by OLTs, time of use and Terms of Use per User.	pplication;		s;			
Inventory		nerate inventory by OL ntory in CSV format.	Γ of connec	ted ONT	ſs;			
Maintenance		eriod of the software will or the platform has no lir					er.	
Optional Modules	Integrations with the Conscius M Conscius M Laserway M Event Hanc DataWave	lanager; lanager Premium; /lanager; ller;						
Product Image	Important production Important production	entriss EDFEAT NAME EDFEAT_NAME EDFEAT_NAME EDFEAT_ONLINESS EDFEAT_EDFEAT EDFEAT_EDF		F 303330	MODEL COTISING Generica,Cherce	UPTRE 1 day, 13 havn	Image: Description Image: D	



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Device_001_0LT_3516	G Last	24 hours v Q	© 30s ∨									
	~ OLT Overview											
Complexe	Uptin 1 day, 2	ne 13 hours	CPU L	oad	Memory	Usage	Sensor 4					
Dverview	Total ONUs	Active ONU										
	6	5					40 °C					
🖹 Syslog	Inactive ON	Blocked ON	2	%	65	5%						
	1.1	0			-							
Service Detail	~ Gpon Interface	Overview										
	Gpon 1/1 St	Gpon 1/2 St	Gpon 1/3 St.,	Gpon 1/4 St	Gpon 1/5 St	Gpon 1/6 St	Gpon 1/7 St	Gpon 1/8 St	Gpon 1/9 St	Gpon 1/10	Gpon 1/11	Gpon 1/12
	UP	DOWN	DOWN	DOWN	DISABLED	DISABLED	DISABLED	DISABLED	DISABLED	DISABLED	DISABLED	DISABLE
	Gpon 1/13 DISABLED	Gpon 1/14 DISABLED	Gpon 1/15 DISABLED	Gpon 1/16 DISABLED								
	~ ETH Interface C	verview										
	ETH 1/1 Sta	ETH 1/2 Sta	ETH 1/3 Sta	ETH 1/4 Sta	ETH 1/5 Sta	ETH 1/6 Sta	ETH 1/7 Sta	ETH 1/8 Sta	10G-ETH 1/	10G-ETH 1/	10G-ETH 1/	10G-ETH 1/
	UP	DISABLED	DISABLED	DISABLED	DISABLED	DISABLED	DISABLED	DISABLED	DISABLED	DISABLED	DISABLED	DISABLE
	> OLT GPON 1/1	Detail (14 panels)										
	> OLT GPON 1/2	Detail (14 panels)										



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	G Last 24	i hours - Q Q	30s v						
	~ OLT GPON 1/1 De	tail							
	3.5 Mbps		Traffic GPON 1/1	2	Adm Stat	Total ONUs	Active ONU	ONU Detail List	
				2	N/A	6	5	ONU_0010110001_FI0G130021ae Detail	ú
🖹 Syslog	3.0 Mbps	1			Op Stat	Inactive ON	Blocked ON	ONU_0010110001_FI0G130021ae Time-Series	ú
	2.5 Mbps				Op Stat	inactive ON	blocked ON	ONU_0010110002_FRKW1174e974 Detail	1
	2.0 Mbps			Down /	N/A	1	0	ONU_0010110002_FRKW1174e974 Time-Series	1
Service Detail	35 1.5 Mbps			1 Disboo	Tx Avg	Tx Max	Tx Min	ONU_0010110003_FRKW1174e918 Detail ONU_0010110003_FRKW1174e918 Time-Series	1
	1.0 Mbps						0.611-1	ONU_0010110003_PRKW11746918 Time-series ONU_0010110004_FI0G13002189 Detail	11 12
	1.0 mbps				894.8 kbps	3.0 Mbps	8.6 kbps	ONU_0010110004_FI0G13002189 Time-Series	1
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← 	Lista de ONU								
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Device_COLLOUT_3516 1003342 CA Tablero Visión general	Mostrar 10 V	1 ID				000005		Elminar subcola Mostrar/Doultar colu corrodit	nar tor mnas * Acck
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Características Gerais

Business Model

- The software GPON Monitoring (responsible for monitoring the active network);
- The use license is per server;
- Limit up to 3,000 monitored ONUs;
- The license to use a software maintenance fee is already included;
- Renewal of maintenance and support fees is not mandatory, but does not entitle you to software updates after the first year of use;
- Note: The server (hardware) is not included in the proposal.

Product Information



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Managed Products		3096	3516	3508	LD3032	LD3016	LD3008	LW3008C	G2500	G4S	G8S	LD250x
	LD500-10B + LB5008	OK	OK	OK	ND			ОК	ОК	OK	OK	
	640-10B	OK			OK	ОК	OK					
	630-10B	OK			OK	OK	OK		OK	OK	OK	
	LD420-10R	OK			OK	OK	OK		OK	OK	OK	OK
	423-41W/AC	OK			OK	OK	OK		OK	OK	OK	OK
	LD421-21W	OK			OK	OK	OK		OK	OK	OK	OK
	LD421-21WV	OK			OK	OK	OK		OK	OK	OK	
	LW110-44B	OK			OK			OK				
	LW510-40BP	OK	OK	OK	OK			OK				
	LW510-40RP	OK	OK	OK	OK			OK				
	710-40B		OK	OK								
	[NEW]											
	LW710-80BP	OK			OK			OK				
	FK-G400B/	OK			OK			OK	OK	OK	OK	
	PoE S2											
	LW110-20BP	OK			OK			OK				
	LD111-21R		OK	OK	OK	OK	OK					OK
	LD111-21B		ND	ND	OK	OK	OK					OK
	LD510-20B		OK	OK	ND			ND	OK			OK
	LD582R		OK	OK								OK
	LD582B		OK	OK								OK
	FK-G420W	OK			OK	OK	OK		OK	OK	OK	
	AC/S2											
	LD322-42W	OK			OK	OK	OK		OK	OK	OK	
	LD1102W				OK	OK	OK		OK	OK	OK	OK
	ONT100				OK	OK	OK		OK	OK	OK	OK
	FK-G420W				OK				OK	OK	OK	
	FK-G421W				OK				OK	OK	OK	
	FK-G420R				OK			OK	OK	OK	OK	
	FK-G400R				OK			OK	OK	OK	OK	
	FK-G400B/								OK	OK	OK	
	PoE											

Installation Requirements

Hardware Requirements

- Processor (64-bit) Quad-Core 2.0 GHz or higher
- Linux Debian 11 Bullseye 64 bits
- Buster 64 bits
- For up to 2,000 ONUs:
- 4 GB of RAM
- 4 GB Swap
- 200 GB of disk space
- For 2,001 up to 3,000 ONUs:
- 6 GB of RAM
- 8 GB Swap
- 300 GB of disk space (SSD recommended)
- Note: The server (hardware) is not included in the proposal.





Part Numbers



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