

# TAKING USER EXPERIENCE TO THE NEXT LEVEL

Innbox customer-premises equipment



Extreme versatility of deployment



Top performance and reliability



Guaranteed return on investment

## ISKRATEL



Iskratel's **Innbox** customer-premises equipment includes home gateways for fibre and copper access, universal home gateways, fibre-termination and RF CATV units.

### INNBOX CPE: PERFORMANCE DELIVERED

Simplicity, innovation and modularity of **Innbox CPE** make supreme user experience come true. They prevent the operator from being just another dumb-pipe provider – instead, they arm them with top performance and reliability at lower costs.

The Innbox CPE family relieves the operators from superfluous helpdesk tickets and help them solve the issues at a fraction of the cost: excelling in monitoring and diagnostics, Innbox CPE enables operators to optimise all settings remotely. Operators report operational savings of **30-to-70 %**.

Armed with centralised **TR-069** auto-configuration system, Innbox CPE can easily and seamlessly integrate with any network-management system.

Iskratel's teams offer expert support, or meet operators' specific needs by customising the Innbox CPE.

### WHAT'S IN THE [INN]BOX?

For FTTH, **Innbox G-series** of GPON home gateways provides a carrier-class networking solution. The top-of-the-line **G6x** and **G7x** models deliver the latest, standards-compliant GPON technology for a high-end home-networking solution. The **G3x** models are price-optimised but still provide complete triple play, while smaller **G2x** models are ideal for two-box or cost-sensitive deployments.

The latest addition to the family is the **Innbox G108** NGPON home gateway, supporting XGS-PON and NG-PON2.

For copper access, **Innbox V-series** delivers up to 100 Mbps over VDSL2, supporting VDSL2 vectoring, as well as fallback to ADSL2+. Supreme built-in overvoltage protection is standard.

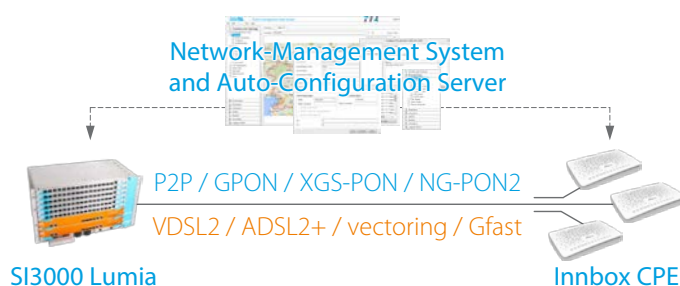
The **Innbox V60-U** is perfect for cases that (may) require migration between access technologies, with its multiple fibre and copper uplinks in a single universal device.

### TYPICAL DEPLOYMENT SCENARIOS

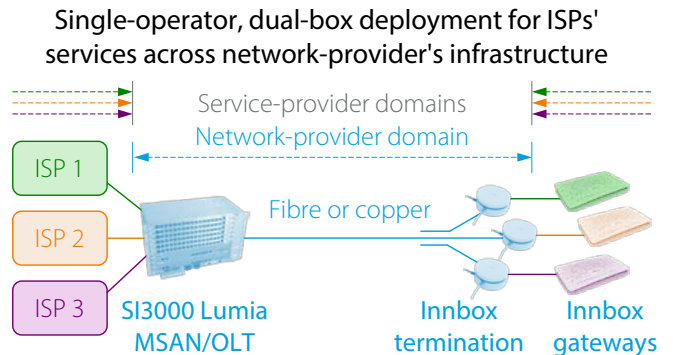
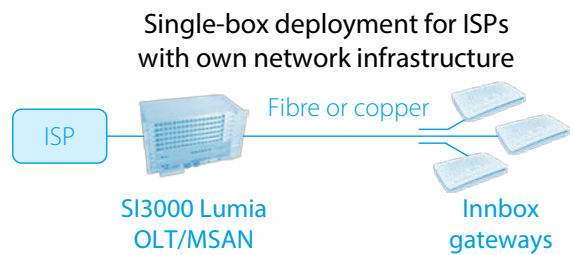
In a **single-box deployment**, the Innbox home gateway is connected over any of the inherently supported access technologies.

Multi-operator environments (based on bitstream wholesale or unbundling) make **dual-operator, dual-box deployment** appropriate. The first (termination) box is controlled by the network provider, while the service provider's home gateway delivers the networking capabilities. Innbox CPE fit both roles of such deployment.

A **single-operator, dual-box deployment** is applicable to support other access technologies such as radio or satellite. Feature-rich Innbox F-series, V-series, or universal home gateways complement the termination box.



Model	V44	V45	V51	V60-U
Type	VDSL2/ADSL2+			Universal
<b>Uplink interfaces (WAN)</b>				
PON FTTH				GPON
P2P FTTH				FE/GE
ETTH	•	•	•	•
ADSL2+	•	•	•	•
VDSL2	•	•	•	•
3G/LTE	•	•	•	•
<b>Home-network interfaces (LAN)</b>				
FE	4	4		
GE	1	1	4/5	4/5
USB	2	2	2	2
Wi-Fi	.11n	.11n	.11n/ac	.11n/ac
FXS		2	2	2
DECT				•
UPS				•
CATV				•
FTU				Innbox C30



Model	G11	G21	G22	G31	G64	G67	G68	G69	G74	G108	F60	
Type	GPON										NGPON	P2P
<b>Uplink interfaces (WAN)</b>												
PON FTTH	GPON	GPON	GPON	GPON	GPON	GPON	GPON	GPON	GPON	GPON	NGPON	FE/GE
P2P FTTH												•
ETTH				•	•	•	•	•	•			•
3G/LTE					•	•	•	•	•	•		•
<b>Home-network interfaces (LAN)</b>												
FE				1								
GE	SFP	1	1	1	4	4	4	4	4	4	4/5	
USB					2	2	1	2	1	2	2	
Wi-Fi					.11n	.11n	.11n/ac	.11n/ac	.11n	.11n/ac	.11n/ac	
FXS				1	2	2	1	2	2	2	2	
DECT											•	
UPS					•	•		•	•		•	
CATV			•			•		•	•		•	
FTU								•	•		Innbox C30	



**ISKRATEL**

Iskratel, d. o. o., Kranj  
Ljubljanska cesta 24a  
SI 4000 Kranj, Slovenia

P +386 4 207 20 00  
F +386 4 207 27 12

info@iskratel.si  
www.innbox.net  
www.iskratel.com



SATLAN Sp. z o.o.  
ul. Ostrowskiego 30  
53-238 Wrocław, Poland

satlan@satlan.pl  
www.satlan.pl