

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.

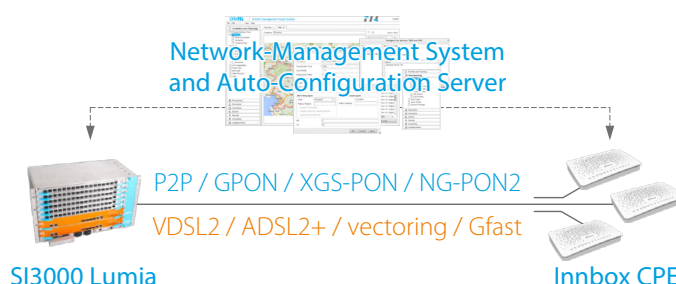
The **Innbox V60-U** is perfect for cases that (may) require migration between access technologies, with its multiple fibre and copper uplinks in a single universal device.

TYPICAL DEPLOYMENT SCENARIOS

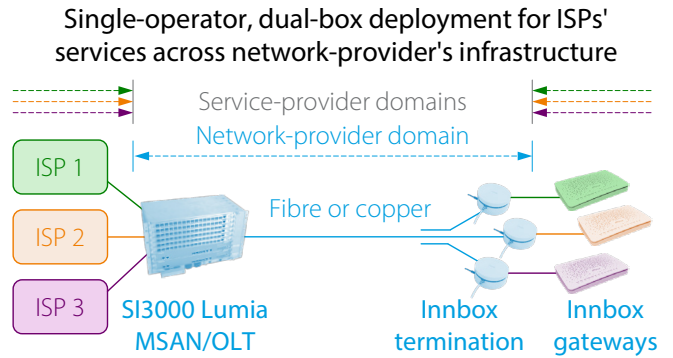
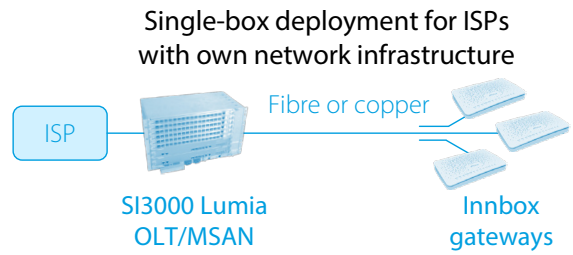
In a **single-box deployment**, the Innbox home gateway is connected over any of the inherently supported access technologies.

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	V46	V51	V80	V60-U
Type	VDSL2/ADSL2+					Universal
Uplink interfaces (WAN)						
PON FTTH						GPON
P2P FTTH						FE/GE
ETTH	•	•	•	•	•	•
ADSL2+	•	•	•	•	•	•
VDSL2	•	•	•	•	•	•
3G/LTE	•	•	•	•	•	•
Home-network interfaces (LAN)						
FE	4	4	4			
GE	1	1	1	4/5	4/5	4/5
USB	2	2	1	2	1	2
Wi-Fi	.11n	.11n	.11n	.11n/ac	.11n/ac	.11n/ac
FXS		2	2	2	2	2
DECT						•
UPS						•
CATV						•
FTU						Innbox C30



Model	G11	G21	G22	G31	G64	G67	G68	G69	G74	G78	G108	F60
Type	GPON										NGPON	P2P
Uplink interfaces (WAN)												
PON FTTH	GPON	GPON	GPON	GPON	GPON	GPON	GPON	GPON	GPON	GPON	GPON	NGPON
P2P FTTH												FE/GE
ETTH				•	•	•	•	•	•	•	•	•
3G/LTE					•	•	•	•	•	•	•	•
Home-network interfaces (LAN)												
FE				1								
GE	SFP	1	1	1	4	4	4	4	4	4	4	4/5
USB					2	2	1	2	1	1	2	2
Wi-Fi					.11n	.11n	.11n/ac	.11n/ac	.11n	.11n/ac	.11n/ac	.11n/ac
FXS				1	2	2	1	2	2	1	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

