

# 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 optical access, **Innbox G-series** of GPON home gateways delivers an unrivalled subscriber experience. The family spans from first-class **G6x**, **G7x** and **G8x** models to cost-sensitive **G2x** models, ideal for two-box setups.

Data rates up to 10 Gbps come with the NGPON home gateways. The top-of-the-line, feature-rich **Innbox G108** supports XGS-PON and NG-PON2 on a single fibre uplink, while the **Innbox X-series** delivers dedicated XGS-PON connectivity.

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.

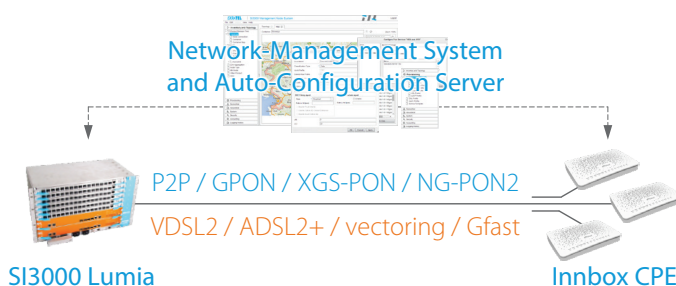
The **Innbox V60-U** is perfect for cases that (may) require migration between access technologies, with its multiple fibre and copper uplinks in a single universal device.

### TYPICAL DEPLOYMENT SCENARIOS

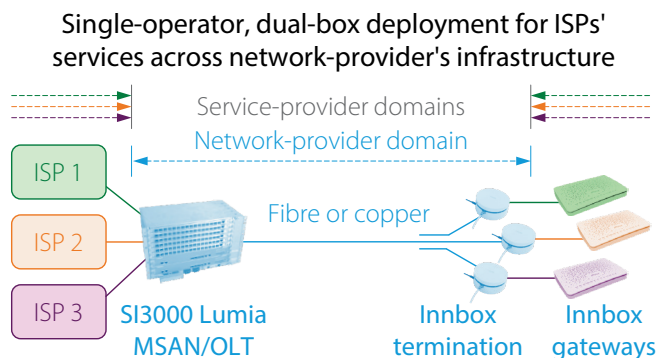
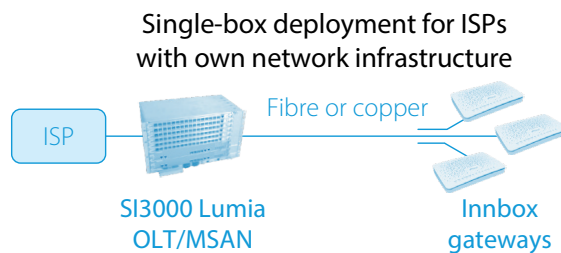
In a **single-box deployment**, the Innbox home gateway is connected over any of the inherently supported access technologies.

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	V80	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	4		
GE	1	1	1	4/5	4/5
USB	2	2	1	1	2
Wi-Fi	.11n	.11n	.11n	.11n/ac	.11n/ac
FXS		2	2	2	2
DECT					•
UPS					•
CATV					•
FTU					Innbox C30



Model	G11	G21	G22	G64	G67	G68	G69	G74	G78	G85	F60	X22	G108
Type	GPON										P2P	XGS-PON	NGPON
<b>Uplink interfaces (WAN)</b>													
PON FTTH	GPON	GPON	GPON	GPON	GPON	GPON	GPON	GPON	GPON	GPON			
P2P FTTH											FE/GE		
ETTH				•	•	•	•	•	•	•	•		
3G/LTE				•	•	•	•	•	•	•	•		•
<b>Home-network interfaces (LAN)</b>													
10GE												1	
GE	SFP	1	1	4	4	4	4	4	4	4	4/5		4
USB				2	2	1	2	1	1	1	2		2
Wi-Fi				.11n	.11n	.11n/ac	.11n/ac	.11n	.11n/ac	.11n/ac	.11n/ac		.11n/ac
FXS				2	2	1	2	2	1	1	2		2
DECT											•		
UPS											•		
CATV			•								•		
FTU											Innbox C30		



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