



commcrete

enabling reliable
critical-tactical
satcom for austere
environments.

We develop and manufacture ultra-compact satellite communication solutions for mission-critical operations. Designed for defense, public safety, and commercial sectors, our technology ensures reliable connectivity and top performance where others struggle.

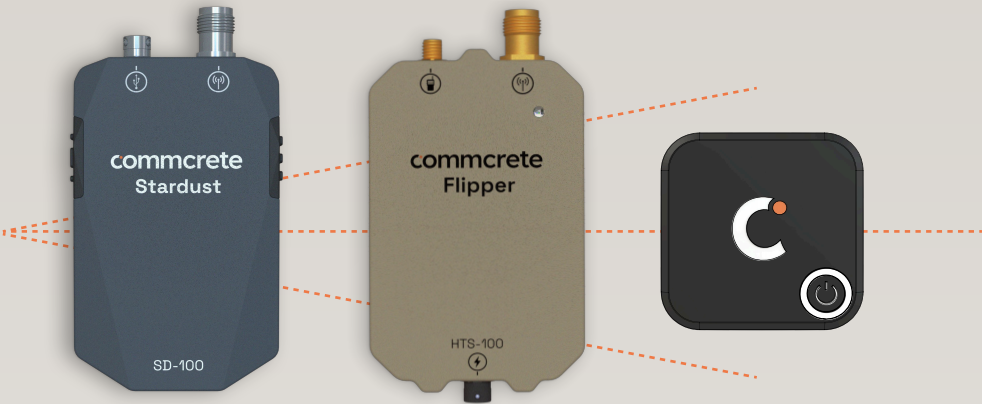
By leveraging L-Band GEO satellites, using a private channel, Commcrete’s solutions optimize narrowband applications; ensuring superior signal penetration, energy efficiency, enabling comms for voice, data, and asset tracking in all-weather conditions in the harshest environments.

 <div>Critical-Tactical Satcom</div> <div>Satellite-Comms-On-The-Move (S-COTM)</div>	 <div>Low-Swap L-Band Based Satcom</div> <div>Real Time Multi-Channel Satellite Comms & Multi-Band to L-Band Tactical Converter</div>	 <div>Voice-Text-Data-Blue Force Tracking</div> <div>Critical-Tactical C4i Satcom Enabled (Stardust/Bittel tech)</div>
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The challenge

The lack of **reliable satellite-based comms-on-the move** solution for critical situations requiring persistent over-the-horizon communication.





The Solution & Technology



Commcrete’s Innovation:	Proprietary hardware, software and antennas that leverage L-Band satcom, outperforming existing solutions.
Unique Value Proposition:	High reliability, unbeatable performance (up to 32 dB link budget), low SWaP (Size, Weight and Power), stealthy, and plug-and-play simplicity.
Core Differentiation:	Unlike traditional satcom, Commcrete doesn’t work on any existing satellite protocols, not requiring ground stations, complex setups, or constant satellite transmission. It’s secure, stealthy, easy to use, and works even in the toughest conditions, while keeping an ultra compact form and optimal performance.

Our Sectors	 Governments	 Defense agencies	 Public safety organizations	 Commercial industries requiring critical comms
Key Partners	 Viasat	 THURAYA	 GRC	 GILAT TELECOM Government
	 NETWORK INNOVATIONS	 STRAUDER TECHNOLOGIES making connections that matter	 NAL RESEARCH	

Senior Leadership

<div>Itzik Daniel Michaeli</div> <div>Co-Founder & CEO</div> <div></div> <div><ul style="list-style-type: none">Chief of staff of the Special Intelligence technology unitHead of Special Operations Communications unit in the Intelligence Special Forces.Former C4i Officer for various special operations units.</div>	<div>Joshua Yedidia</div> <div>Co-Founder & CTO</div> <div></div> <div><ul style="list-style-type: none">Former Chief Communications Development Engineer.Over 35 years of experience in electrical, electronics and electromagnetic engineering.The IDF Chief of Staff’s Award for lifetime achievements in the field of tactical communications.</div>	<div>Michael Mor</div> <div>Co-Founder & COO</div> <div></div> <div><ul style="list-style-type: none">Head of squad in the tech unit of the Israeli intelligence corps.Spearheaded large significant technological projects in the technological unit of the Intelligence Corps.Expert in communication systems, electronics, mechanics, design and manufacturing techniques.</div>	<div>Ofer Kotler</div> <div>CBO</div> <div></div> <div><ul style="list-style-type: none">Former Chief Innovation Officer at Israel’s Prime Minister’s Office, after 28 years as a senior ranking executive.Led two acceleration programs, driving innovation in defense and security, embedding startups into HLS corporates.Former General Partner at Awz Ventures, sourcing & investing in early-stage dual-use companies.</div>
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