

A white wireframe illustration of an airplane in flight, positioned horizontally across the lower half of the blue graphic. Above the airplane, there are three curved, wireframe shapes representing Wi-Fi signal waves. The entire graphic is set against a blue background with a pattern of small white dots and concentric white circles.

Inflight dWiFi Solution

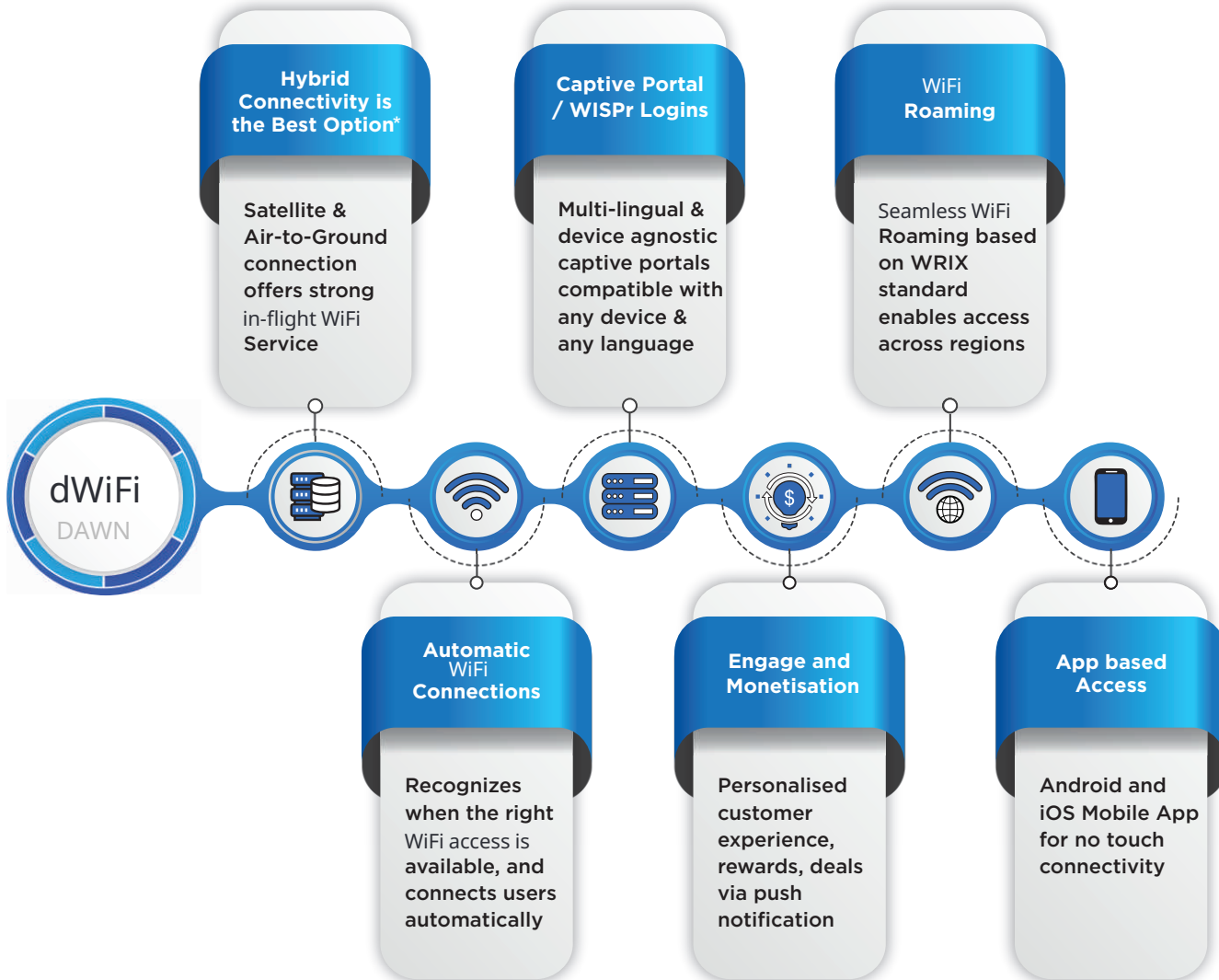
**Monetise at 35,000 Ft.,
while making planes lighter**

In Flight Connectivity (IFC) has transformed beyond “being an enabler” for smart planes into a holistic customer connectivity experience. With more than 200 airlines globally offering connectivity on their flights, the quality of cabin connectivity experience vs. the WiFi service cost becomes super critical.

This is especially true when inflight connectivity has a potential to generate \$37 billion by the end of 2027¹. With the STL Inflight dWiFi Solution, the prospect to build a compelling experience around a sustainable suite of monetisation models becomes real.

But, it is only half the equation. STL inflight WiFi solution can also enable you to reduce the flight weight. As 93% of passengers carry smart devices with them, you can promote BYOD by providing superior Wi-Fi access to them. This will do away with the need for the planes to install digital infrastructure, thereby saving on fuel costs, reducing investments in infotainment infrastructure and in content inventory.

WiFi Solution that Enables Airlines to Provide a Superior User Experience and Monetise.



¹Source: Broadband in the sky will be a \$130 billion market by 2035, Inmarsat, https://www.inmarsat.com/news/34067/#_edn1

*Default best recommendation based on our Inflight Experience



Superior Inflight Connectivity Unrivalled Performance

STL recommends the Hybrid Connectivity approach, which is a combination of satellite/air-to-ground (ATG) inflight connectivity that offers passengers a high-quality, high-speed WiFi service, similar to what they have on the ground. Reliable and consistent connectivity is made possible by manipulating and complementing Ku, Ka and L bands. Platform ensures uninterrupted passenger connectivity along every route under any conditions across fleets for different types of service for various classes of passengers. Performance is not just limited to its end-user throughput of over 100Mbps and consistent user experience, but also to its interoperability capabilities. All of this ensures seamless coverage and superior experience for passengers.



Universal Interoperability Band, satellite, region-agnostic performance

STL Inflight dWiFi solution is designed for managing more networks with less money than in the past. It is a crucial lever that helps you reduce complexity while saving costs. It also makes it easier to negotiate with growing constellations of MEO and LEO satellites, ground towers, frequencies and geo regulations. This renders downstream compatibility across bandwidth, data types and devices. It allows passengers to surf the web, send and receive emails, browse social media, stream videos and do video chatting. It can also connect to VPN to get inflight access to work emails and intranet. Passengers can access on-board Wi-Fi using any device, including laptop, phone or tablet etc.



Progressive DAWN Philosophy

Speed, Flexibility and Scale

Powered by DevOps, Analytics, Web-scale, Network Software (DAWN), the future-native dWiFi open architecture bolstered with universal interoperability provides total control when it comes to making strategic decisions in in-flight connectivity (IFC). For example, our Air to Ground (ATG) capability which is built on micro services based architecture allows the Portal to be managed while in flight and the dWiFi platform offers easy manageability and scalability on the ground. Another key advantage of open networks is flexibility and the ability to scale as needed.



Unlimited Monetisation Possibilities

Maximise ROI

STL's inflight dWiFi solution not only provides rich in-flight digital ecosystem but also ensures that airlines are able to capitalise traveller's engagement. The key differentiator is the dWiFi Monetisation platform powered by the dWiFi Analytics engine. It captures, analyses and influences passenger's every in-flight digital moment in order to optimise connectivity investment. The Monetisation platform provides multiple "right" business models to strike a balance between short-term and sustainable revenue streams by allowing to use:

Rich Library of Pre-defined Paid Services

Configurable Monetisation Models

To Monetise Via

WiFi Access Charges

WiFi Enabled e-commerce

WiFi Enabled Advertising, Promotions

WiFi Enabled Premium Content

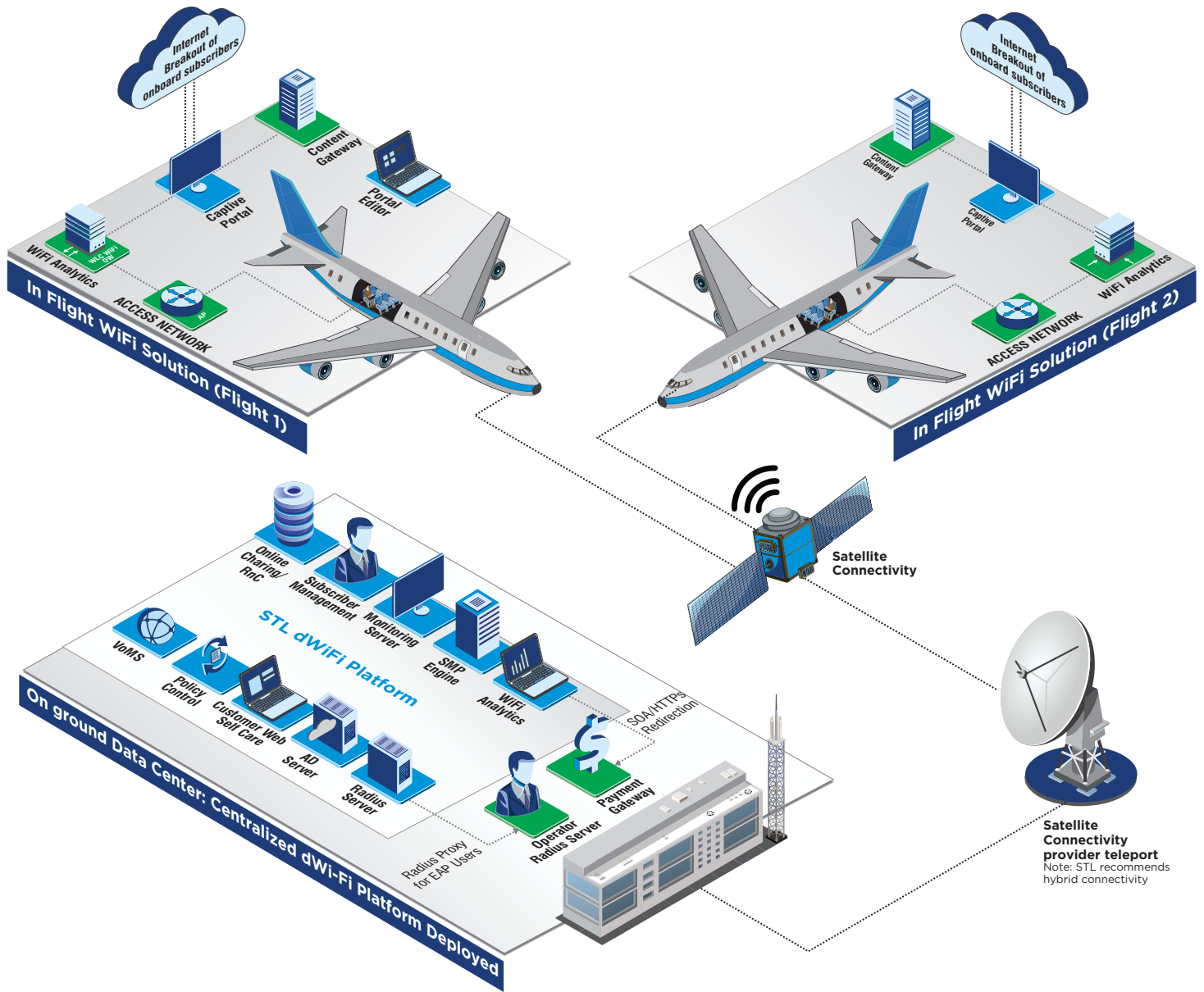
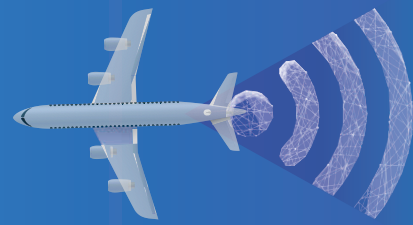
Why Choose STL

Operators have chosen STL for
WiFi Deployments

2500+
ISP & Hotspot Deployments
Globally

With the highest number of integrations with tier 1 multi vendors' equipment and WiFi partner ecosystems worldwide, STL dWiFi has proven expertise in operational excellence. Our key strength goes just beyond making WiFi projects go live the fastest but also deploying them at unmatched costs to our customers. Our global experience along with a full-fledged inflight WiFi portfolio uniquely positions us to understand customers' business requirements and tailor 'right-sized' solutions to meet those needs.

Inflight dWiFi Solution Architecture



Sterlite Technologies Limited (STL) is a global leader in end-to-end data network solutions.

We design and deploy high-capacity converged fibre and wireless networks. With expertise ranging from optical fibre and cables, hyper-scale network design, and deployment and network software, we are the industry's leading integrated solutions provider for global data networks. We partner with global telecom companies, cloud companies, citizen networks and large enterprises to design, build and manage such cloud-native software-defined networks. STL has innovation at its core. With intense focus on end-to-end network solutions development, we conduct fundamental research in next-generation network applications at our Centres of Excellence. STL has strong global presence with next-gen optical preform, fibre and cable manufacturing facilities in India, Italy, China and Brazil and two software-development centres.



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