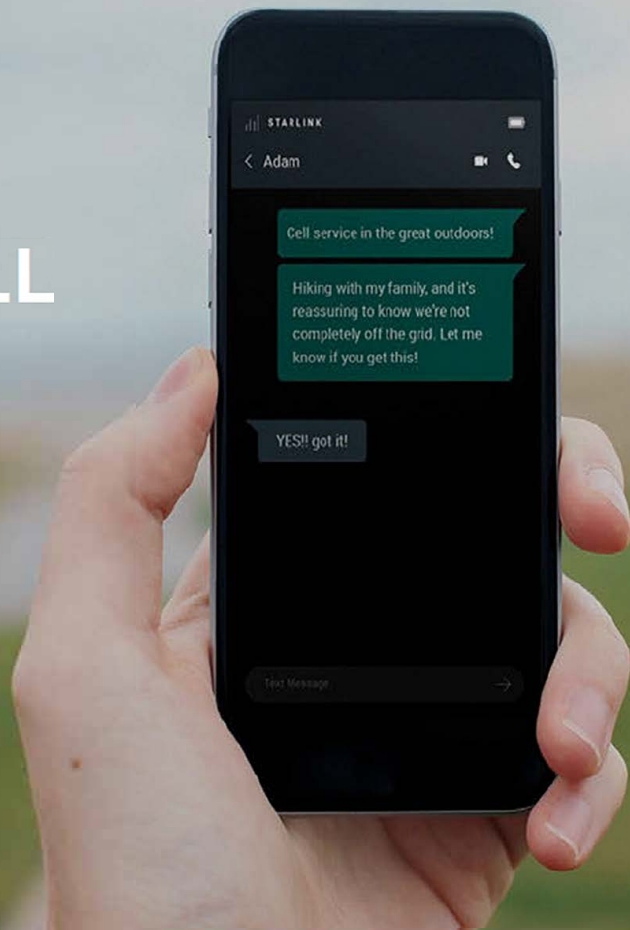


STARLINK DIRECT TO CELL

2023年12月22日
Starlink Japan合同会社

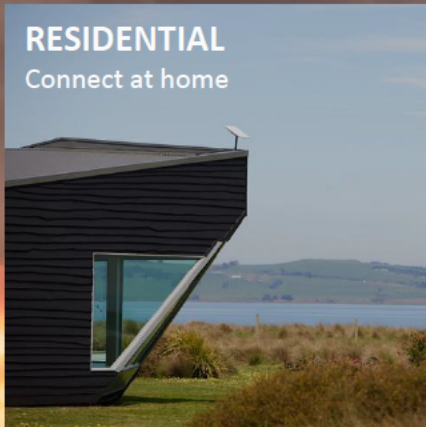


STARLINK – HIGH-SPEED INTERNET

Available almost anywhere on Earth.

RESIDENTIAL

Connect at home



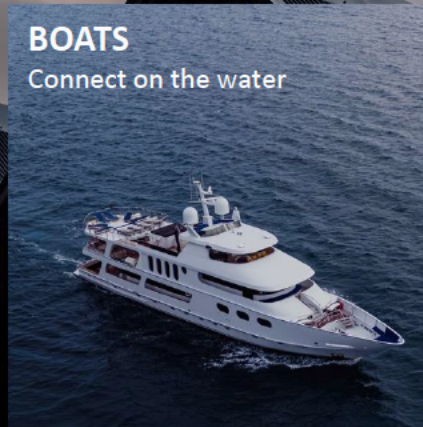
ROAM

Connecting on the go

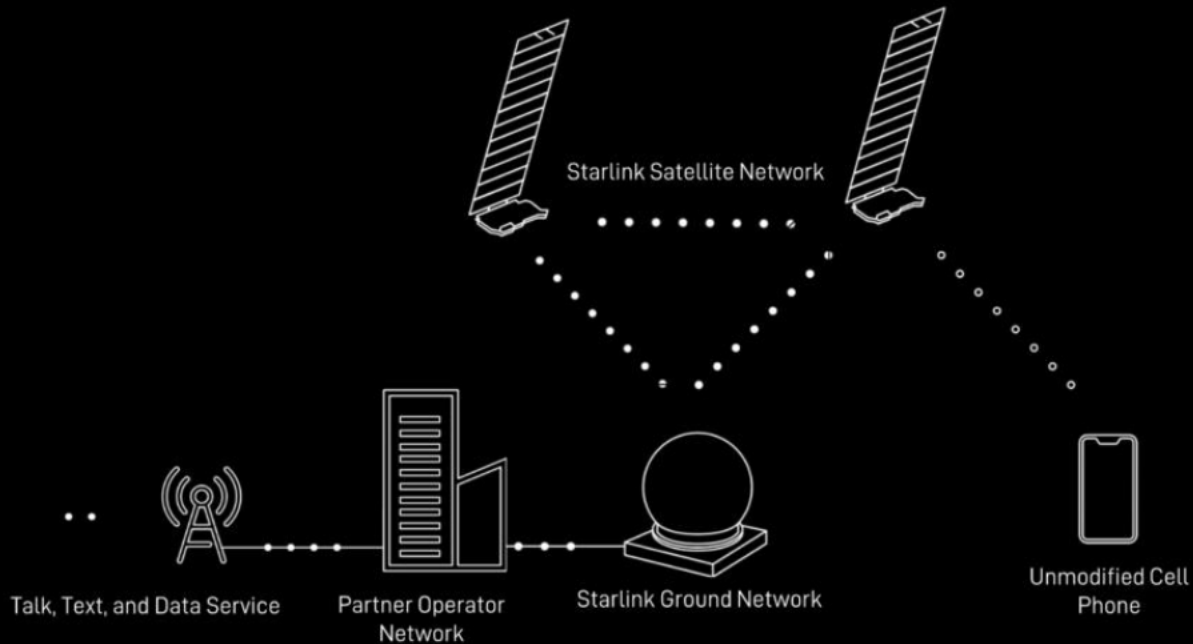


BOATS

Connect on the water



DIRECT TO CELL - A CELLPHONE TOWER IN SPACE



Starlink satellites with Direct to Cell capability have an advanced eNodeB modem onboard that acts like a cellphone tower in space, allowing network integration similar to a standard roaming partner.



UBIQUITOUS COVERAGE

Starlink satellites with Direct to Cell capabilities enable ubiquitous access to texting, calling, and browsing wherever you may be on land, lakes, or coastal waters.



TEXT

STARTING 2024



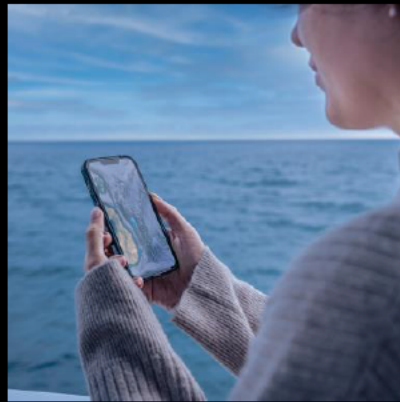
VOICE AND DATA

STARTING 2025



IOT

STARTING 2025



ENGINEERED BY SPACEX



SpaceX is leveraging its experience in manufacturing and launching the world's most advanced rockets and spacecraft to deploy Starlink satellites with the Direct to Cell capability at scale.

SpaceX is targeting Thursday, December 28 for a Falcon 9 launch of 21 Starlink satellites to low-Earth orbit from Space Launch Complex 4 East (SLC-4E) at Vandenberg Space Force Base in California. Liftoff is targeted for 9:09 p.m. PT, with backup opportunities available until 12:32 a.m. PT on Friday, December 29. If needed, additional opportunities are also available on Friday, December 29 starting at 8:48 p.m. PT.

This launch will include the first six Starlink satellites with Direct to Cell capabilities that will enable mobile network operators around the world to provide seamless global access to texting, calling, and browsing wherever you may be on land, lakes, or coastal waters.

GLOBAL PARTNERS

Cellular providers using Direct to Cell have access to reciprocal global access in all partner nations.

T-Mobile (USA)

Optus (Australia)

Rogers (Canada)

One NZ (New Zealand)

KDDI (Japan)

Salt (Switzerland)



デジタルビジネス拡大に向けた電波政策に関する意見

- 衛星コンステレーションによる非静止衛星通信サービスの現状
 - 2022年10月より、日本国内において低軌道衛星を用いたブロードバンド通信「STARLINK」の提供を開始
 - 携帯電話不感地帯におけるインターネット接続や基地局バックホールの提供、災害時のバックアップ回線など幅広い用途で使用
- 要望事項
 - 2024年から既存携帯端末への直接通信サービスの提供を予定しているため、速やかな技術条件の検討や制度整備を進めて頂きたい
 - 携帯端末への直接通信サービスでは既存端末での使用を前提としているため、現在の電波法の規律との整合性に留意しつつ、二重免許における電波利用料や再認証を必要としないような免許手続きを速やかに検討頂きたい



Thank you.