

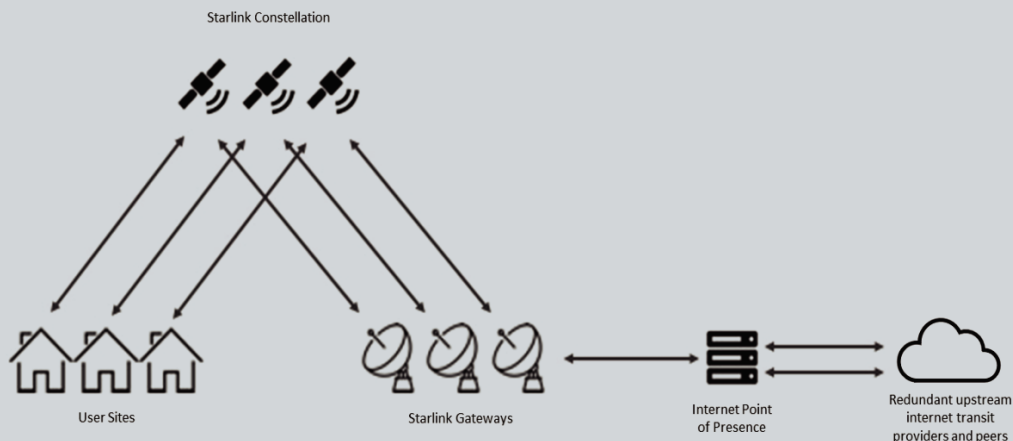
STARLINK AND DEMOCRATIZING CONNECTIVITY



INTRODUCTION

Starlink, a company operated by SpaceX, is a high-speed, low-latency satellite internet provider, coordinating a large constellation of operating satellites to deliver connectivity to disconnected and remote areas globally. SpaceX operates in over 50 countries through its network of more than 4,500 satellites and hundreds of gateways.

It operates on direct-to-consumer subscription based service model as well as through a reseller network. At the consumer level, it is operated via a self-installable small dish and a compact router box.



KEY BENEFITS

01 QUICK DEPLOYMENT, WIDE COVERAGE

Starlink can enable almost instant coverage for rural and remote communities. This can support natural disaster response while facilitating economic, industrial, and social growth objectives throughout Malaysia due to the current enabling transmission infrastructure of the 4,000 strong constellation of LEO satellites currently revolving in space.

02 NATURAL DISASTERS/ FLOODS

Starlink is able to provide rapid redundancy and resiliency as a 'back-up' to overcome disruptions in terrestrial internet service. It has played this role across disaster situations such as floods and typhoons in Europe, Australia, New Zealand and in the United States. It had also played a vital role in rapidly replacing destroyed telecommunications services in Ukraine.

03 TAPPING INTO THE MALAYSIAN DIGITAL ECONOMY

Starlink is able to act as an accelerator and enabler of the Malaysia Digital Economy Blueprint by enabling rapid, connectivity solutions that meet the stated digital policies and objectives of the Government. Starlink is able to enable remote/rural communities and businesses to participate in the digital economy, democratizing connectivity, and bridging the digital divide between different social groups.

04 5G ROLLOUT SUPPORT

Starlink is complementary to existing local terrestrial telecommunications providers through supporting 4G and the impending 5G backhaul opportunities to expand their service reach; enabling carriers to deliver services to regions at lower costs. Starlink is a satellite service with speeds capable of backhauling 5G networks.

05 CONNECTIVITY AND DEVELOPMENT OF RURAL AREAS

High-quality and reliable connectivity has far-reaching positive benefits across schools, hospitals, government e-services and emergency response, remote services, and education. Satellite internet connectivity may enable digital commerce and banking, curb urban migration, and enable development of remote areas for agriculture, industry and economic opportunities not previously available.

Initial roll out can begin simply with one unit installed in each center serving the communities or through a backhaul arrangement with local network providers so complicated cable installations can be bypassed in the interim to expedite roll out of cell network coverage. As an MD (MDEC) approved company, Starlink is currently working on identifying projects with MDEC and various companies to assist them to prepare their roll out of their various connectivity dependent projects especially for the rural areas as soon as approval is obtained.

POTENTIAL INDUSTRY BENEFITS

01 GOVERNMENT

Education, healthcare, e-government, disaster and emergency response, community Wi-Fi, security, workforce development and training, enhancing digital skills and enabling remote work.

02 SYSTEM INTEGRATORS, TELECOM PROVIDERS AND ISPS

Collaboration opportunities with local telecoms service providers, and other technology companies.

03 FINANCE/BANKING

Fast-tracking the digitalization of the economy and the unbanked due to connectivity issues, business and consumer access to banking and credit, while lending support to small businesses and local governments

04 LOGISTICS AND MARITIME

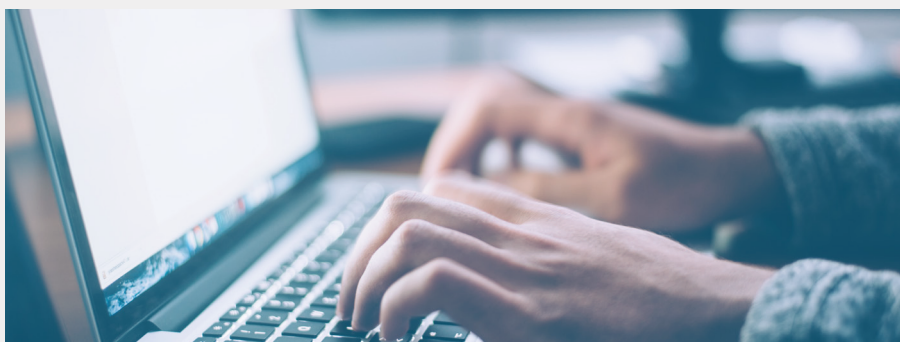
Providing internet connectivity for the aviation industry, commercial, government and private vessels. Connectivity to smart ports, oil and gas industry to provide connectivity not only on platforms and remote areas but even during construction and delivery of the projects.

05 FORESTRY AND AGRICULTURE

Palm oil plantations & agricultural-based communities/operations/logistics, can leverage on connectivity to enable the adoption of 4IR and emerging agritech to enhance product yield and pricing. Enabling digital marketplaces for rural farmers to enable products to be sold.

MALAYSIAN TELECOMMUNICATIONS INDUSTRY

Starlink may not be physically present locally but can provide a cost-effective extension of service (4G/5G) to areas where it is presently unavailable by providing backhaul service to their networks in areas which are geographically and/or economically infeasible due to lack of current terrestrial connectivity.



SUPPLY CHAIN FOR SPACEX/SPACE INDUSTRY OPPORTUNITIES

SpaceX already has relationships with several suppliers in Malaysia, including ST Micro, Jabil and Plexus. These suppliers to SpaceX's global supply chain are important for the continued growth and development of Starlink and will benefit from Starlink's expansion. In addition to having these existing relationships which directly support the Malaysian economy, Starlink's presence here will provide even greater awareness and access to the capabilities of these and other similar Malaysian suppliers for SpaceX and its group of companies' their global supply chain across the group. It is also envisaged that once licensed, teams from SpaceX will be engaging with local suppliers to work on R&D for future fulfillment of SpaceX's supply chain requirements.

Malaysia has the potential to become a key market not only for the commencement of its Starlink services, but also to capitalize on its presence by collaborating with local component and service providers as a potential platform to source or outsource its global services. R&D opportunities in the space and satellite industry will also emerge.

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