



INTELSAT

Envision. Connect. Transform.



CASE STUDY

Teledata Mozambique Delivers Enterprise and Mobile Backhaul Services in Africa with IntelSat Epic^{NG}

ABOUT

Founded in 1989, Teledata Mozambique is a leading service provider in Mozambique, delivering connectivity services to two primary markets: enterprises and mobile operators. Traditionally, the company operated two separate networks — an enterprise network and a mobile backhaul network, powered by IntelSat and another third-party satellite operator. To reduce the management and operational complexity of running two networks, Teledata Mozambique wanted to shift to a single satellite provider, consolidating both networks to one platform for more efficient and cost effective customer service.

REQUIREMENTS

Teledata Mozambique required a next-generation satellite platform that could deliver high-quality broadband connectivity to corporate networks, as well as cellular backhaul services to its enterprise and MNO customers in Mozambique. The platform had to enable Teledata Mozambique to target two main verticals from a single network, plus:



Simplify operations and reduce management requirements



Increase network performance and efficiency



Provide **continuous, reliable connectivity** in adverse weather conditions



Cost effectively scale to support future network growth

SOLUTION

IntelSat 33e (IS-33e), the second high-throughput satellite (HTS) in the IntelSat Epic^{NG} fleet, enabled Teledata Mozambique to consolidate its mobile backhaul and enterprise networks, powering performance to meet anytime, anywhere broadband demand. The benefits offered by IntelSat Epic^{NG} gave IntelSat a unique advantage to deliver:



A combination of spot beams and wide beams to ensure **reliable connectivity across the continent**



A flexible, open architecture to meet increasing broadband demands in remote areas of Mozambique



Backward and forward compatibility to maximize current investments and take advantage of future technology



Trusted performance and durability in areas susceptible to heavy rainfall and flooding

RESULTS

By deploying Intelsat Epic^{NG}, Teledata Mozambique migrated its entire network — 190 sites — with no additional OPEX. Additional results included:



Anytime, anywhere coverage in remote and rural terrain

Simplification of the network from multiple satellites to one (IS-33e)



129%
IMPROVEMENT

129% improvement on network efficiency

Higher performance with less bandwidth



BENEFITS

By taking advantage of Intelsat Epic^{NG}, Teledata Mozambique simplified and optimized its network to better address connectivity needs in Mozambique and strengthen its position in this market. The company has benefitted in numerous ways, including:

Seamlessly extending its network into untapped areas in Mozambique



Simplifying the delivery of internet, voice and mobile backhaul traffic

Decreasing network management complexity by working a single satellite provider



Delivering fast, reliable and continuous broadband, regardless of location or weather

Designed as a complementary overlay to the world's largest fixed satellite network, Intelsat Epic^{NG} is fully integrated with Intelsat's existing satellite fleet and global IntelsatOne[®] terrestrial network to provide enhanced performance, economics and simplified access. To learn more, visit www.IntelsatEpic.com.