

**Connecting Rural  
America: *Mobile  
Backhaul Solutions  
for Network  
Coverage  
Everywhere***

White Paper



# Table of Contents

---

## Executive summary

**Intelsat: CellBackhaul**

## Mobile Data Demand: Rural vs. Non-rural

**Smartphones: rural versus non-rural**

**Prevalence of “No Service”**

**Availability of wired broadband: rural versus non-rural**

**The story so far...**

**Satellites**

## Backhaul challenges for rural cell sites

**Rural cell sites challenges**

**Traditional cellular backhaul options**

**Satellite backhaul**

**Where satellite backhaul fits**

**Intelsat: CellBackhaul**

**About *iGR***

**About Intelsat**