Rural Mesh Deployment – Core Infrastructure Overview

TR-5a-24

6 mbps average per site, more backhaul injections would increase mbps per site.

TR-FDD Backhaul

Network Feed

PxP 5 miles

Distribution Tower

PxP – 5 miles – 26 mbps backhaul Full duplex

Feed

NetEqualizer

Head Router

TR-5a-24

TR-FDD Backhaul

TR-5plus-32

TR-5a-20

Mesh - .2 Mile

PxP – 15 miles

TR-5a-26

Pxp – 2miles

TR-5a-20

TR-5plus-32

Can deliver up to 20 mbps at first hop, up to 5 mbps 5 hops from gateway

Pxp – 6 miles

Mesh - 1 mile

TR-5a-26

Mesh Cluster

Mesh - .5 miles

Mesh - .5 Mile

Mesh - .5 miles

Mesh - 2 mile

TR-5a-29

PxP – 7 mile

TR-5a-29

Router

NetEqualizer

Network Feed

Feed

Mesh Gateway

Client Premises

Mesh Repeater

Mesh Cluster

Tranzeo Wireless Technologies Inc.
Drawing – Rural Mesh Deployment
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