

MDU/Hospitality WaveTunnel Comparison

WaveTunnel SOLUTION

Wired SOLUTION

| BILL OF MATERIALS | | | | |
|--|------|--|-------|--|
| NOTES | QTY | DESCRIPTION | QTY | NOTES |
| 2x2 access point | 32 | Wi-Fi 6 AP dual band | 32 | 2x2 access point |
| Compatible with 24 x GE/10GE SFP/ SFP+ slots and 2 x 100GE QSFP28 | 1 | MDF Layer 2/3 switch | 1 | Compatible with 24 x GE/10GE SFP/ SFP+ slots and 2 x 100GE QSFP28 |
| Ethernet cabling from APs to WT (average run 30'x32APs) ✔ CapEX Savings | 960' | Ethernet | 4800' | Ethernet cabling from APs to IDF/ access switches (average run 150'x32APs) |
| ✔ CapEX Savings | 0 | IDF Layer 2 switch | 2 | Location, power and cooling required |
| ✔ CapEX Savings | 0 | 10GE SFP+ Passive Direct Attach Cable | 2 | 3m for Systems with SFP+ and SFP/SFP+ |
| ✔ CapEX Savings | 0 | 10GE SFP+ transceiver module | 2 | Long range with SFP+ and SFP/SFP+ |
| ✔ CapEX Savings | 0 | Optical Fiber installation cabling from access switches to distribution switches (MDF) | 2 | |
| WT-2041 | 10 | WaveTunnel Nodes | | |

| LABOR/SCHEDULE | | | | |
|--|-----|--|-----|--------|
| NOTES | HRS | DESCRIPTION | HRS | NOTES |
| ✔ OpEx Savings | 0 | Cable Installation, Testing, and Certification (8 hours per day, 4 days, 4 people) | 128 | Week 1 |
| One truck roll, APs and WT installed at the same time ✔ | 37 | Installation and Testing | 32 | Week 2 |

WaveTunnel Solution
Distributed IDF integrated with Wireless Backhaul.

Wired Solution
Requires massive amounts of Ethernet cabling, IDFs, and equipment rooms.

