



DENVER INTERNATIONAL AIRPORT

TELECOMMUNICATIONS TENANT SERVICES – SERVICE DETAILS

DATA SERVICES (WIRED & WIRELESS):

TTS Data services are Ethernet, Dark Fiber Circuits, Wi-Fi and high speed internet. Data services are delivered via Ethernet ports, dark fiber circuits and wireless access points (WAP),

Data Comments:

1. All data services are subject to utilizing DIA's own private IP schema.
2. Customers are not authorized to locate their electronics in City Communications Rooms.
3. All communications cabling must be installed in conduit, including station cabling in Customer leasehold space.
4. Ethernet ports are set up on a unique Virtual Local Area Network (VLAN) for each requesting Customer or system and delivered to the jack indicated on the TTS worksheet. The City has a full mesh Gig-Ethernet backbone that spans the DIA campus. In addition, each access layer switch has dual up-link trunks to separate distribution layer switches providing redundancy and failover capabilities.
5. High speed internet: High Speed Internet is a service offering that connects Customer IT resources to an Internet Service Provider (ISP) connection. TTS uses two different interface or hand off technologies to the Customer. 1.) 10/100 Mbps Ethernet over Local Area Network (LAN) and; 2.) Digital Subscriber Line (DSL) technology. Whether the interface or hand off to the Customer may be 10/100Mbps of DSL, the actual throughput to the internet will be rate limited at some point in the local area network infrastructure or to the provisioned amount below per MRC code. High Speed Internet speeds utilizing DSL transport technology are subject to physical cable distances of the copper wire circuit. Both upload and download speeds will vary based on these distances. The DSL technology deployed is an asymmetrical service meaning that upload speeds are significantly less than download speeds. DSL is only available in certain parts of the campus. The DSL MRC codes are priced to maximum download speed. DIA Telecommunications staff will verify that download speeds of circuits ordered match the appropriate MRC code below at time of installation. DSL modems will be required to be placed in customer locations for those High Speed Internet connections using DSL transport technology. These modems are considered the property of the Provider and the Customer will not have logical access to change settings within the device.
6. The Customer will be responsible to deploy additional devices (i.e. computers, printers, firewall...etc.) behind the High Speed Internet interface. In addition, the Customer is responsible to configure and deploy any security measures they require to protect their electronic data.

7. The Customer is responsible for replacement costs of any City provided DSL modem or network equipment installed in Customer space that is lost, damaged, or not returned on service disconnect. The City will replace non working devices at no charge to the Customer if failure cannot be attributed to events beyond normal use.
8. A one time charge of \$50/order applies on new service activation and moves/adds/changes of services. Multiple services can be ordered on the same order. Ethernet ports and dark fiber install costs are part of the PWCS infrastructure billing.
9. Due to the logical configuration and interface requirements, TTS data services require meetings with the customers IT staff. The TTS Technical Coordinator will schedule the Technical requirements meetings/conference call via Outlook Calendar with customers IT staff & TTS staff.

MRC Code	Monthly Recurring Charge	Short Description	Long Description
101	\$ 6.00	Ethernet port on City switch	10/100Mbps Ethernet port on City switch on Customer VLAN
102	\$ 50.00	Dark Fiber circuit	1-2 strand MM or SM Dark Fiber circuit.
105	\$ 70.00	SSID per WIFI Access Point	SSID per WIFI Access Point (i.e. if SSID on 25 access points, charge is 25 x \$50/month). Each SSID maps to individual Customer VLAN and backhauled to Customer network via DIA Gig-E system.
		ISP CONNECTION USING 10/100 LAN ETHERNET TRANSPORT	UNMANAGED CONFIGURATIONS
118	\$ 25.00	ISP connection 128 Kbps	ISP connection 128 Kbps over LAN
119	\$ 50.00	ISP connection 256 Kbps	ISP connection 256 Kbps over LAN
120	\$ 100.00	ISP connection 512 Kbps	ISP connection 512 Kbps over LAN
121	\$ 200.00	ISP connection 1 Mbps	ISP connection 1 Mbps over LAN
122	\$ 400.00	ISP connection 2 Mbps	ISP connection 2 Mbps over LAN
123	\$ 600.00	ISP connection 3 Mbps	ISP connection 3 Mbps over LAN
124	\$ 800.00	ISP connection 4 Mbps	ISP connection 4 Mbps over LAN
125	\$1,000.00	ISP connection 5 Mbps	ISP connection 5 Mbps over LAN
		ISP CONNECTION USING DSL TRANSPORT	MANAGED/UNMANAGED CONFIGURATIONS
130	\$ 150.00	ISP connection 512Kbps download	ISP connection 512Kbps over DSL (BRONZE)
131	\$ 450.00	ISP connection 2 Mbps download	ISP connection 2 Mbps over DSL (SILVER)
132	\$1,050.00	ISP connection 5 Mbps download	ISP connection 5 Mbps over DSL (GOLD)