

Salt Lake City Department of Airports Cabling Installation and Identification Standards

Section 1. Purpose:

Installation standards provide common understanding of Salt Lake City Department of Airports (SLCDA) requirements for tenant-installed communication devices requiring cabling, wireless and other communication devices and equipment at Salt Lake City International Airport (SLC), South Valley Regional Airport (SVRA), and Tooele Valley Airport (TVA). Installation standards ensure that all such installations and equipment are installed in accordance with SLCDA, FAA, FCC, City, and other agency standards. Cabling within tenant space is maintained by the tenant, in coordination with the SLCDA.

Section 2. Installation Standards:

Prior to installation, tenant must submit to SLCDA drawings, plans and other documents which shall be used to understand the full scope of installation and determine approval of the installation. Documents must specify and show conduit and cable routes, equipment locations and specifications, penetrations (if any) through roof, electrical conduit and wire, antenna and support heights, and the contractor(s) who will complete the installation.

Section 2.1 Installation Requirements:

The following is a brief list of installation requirements. Please note this list is not all inclusive and is subject to change based on the scope of each project.

1. SLCDA multi mode fiber standard is 50 micron. If tenant is running new multi-mode fiber optic cables, 50 micron cable must be used.
2. Single mode fiber installations are also acceptable depending on application and need.
3. All cables, conduits, inner duct, junction boxes, and enclosures used outside of identified tenant lease space must be clearly marked with owner, contact number, origination, and destination points.
4. Field verify that existing Airport cable trays have the capacity (both space and weight) to handle any proposed new cabling.
5. No new enclosures, conduits junction boxes and enclosures can be added to Airport space without a preconstruction walk-through with proper SLCDA staff, written permission as to exact locations, and detailed as-built documents delivered to the Airport upon completion and final inspection of the project.
6. Ensure Airport receives as-built documents for its Airport Expansion Program.
7. Reprint all affected electrical panel schedules with new circuit information.
8. Cables are to be routed so as to not create a trip hazard in any direction.
9. Cable penetrations to the roof are to be flashed in by a licensed roofer compatible with existing roofing materials, so as to maintain roof warranties.
10. Cabling inside leased areas must be clearly labeled and identified with owner information, contact, and termination point.
11. All cables installed will be labeled according to industry cable management standards.
12. Tenants must complete the required labeling prior to final acceptance of the installation.
13. All cabling within tenant space shall be for tenant of record. No sub-letting (with or without compensation) to other parties will be permitted and any such installations may be removed at the discretion of SLCDA.
14. Please refer to the IEEE industry standard Systemax Technical Specifications, dated November, 2009, for any questions regarding cabling standards for fiber and copper cabling.

Section 2.2 Identification/Tag Standards:

All tenant-installed equipment and installations must be identified with tags that include the following:

1. Identification tags must be engraved plastic and weather proof.
2. Name of tenant.
3. Origination and termination points of the cable.
4. Contact information.

Section 3. Wireless Policy:

Tenants may install private unlicensed wireless systems within their own exclusively leased space, only by approval of SLCDA.

1. Tenant takes full responsibility of devices; Airport is not responsible for any wireless devices belonging to the tenant.
2. Tenant must coordinate any and all RF spectrum issues with SLCDA and if any interference occurs with SLCDA wi-fi, tenant must remove or remedy their system immediately.
3. Airport is not responsible for any detriments to the tenant's system that occurs as a result of lack of security.
4. Tenant is responsible for monitoring the RF spectrum to prevent any sort of passive attacks on their wireless system.

Section 4. Contractor Requirements:

SLCDA requires all installation work be completed by a licensed contractor authorized to do work in the state of Utah. All contractors shall submit to SLCDA, required insurance certificates as stated in the Tenant Improvement Guidelines. All contractors must be authorized to do work at the Airport. For insurance and other questions, please contact the Airport Contracts Manager, at (801) 575-2984.

SLCDA will not escort or authorize tenant's contractors to access Airport property. Tenant may escort contractor pursuant to standard escort procedures, or require contractor to be badged. For badging and other access questions, please contact the Access Control office at (801) 575-2423.

Section 3. Plan Review/Permits:

SLCDA shall, upon receipt of plans, review and comment on plans. Tenant shall address comments and submit revised plans for further review.

Section 4. Airport Approval:

Unauthorized work is strictly prohibited. SLCDA written approval is required prior to arranging for or conducting any type of work related to the installation of any type of antenna or satellite dish or supporting devices and cabling. Unauthorized equipment and supporting devices are subject to the immediate removal and disposal by SLCDA. SLCDA shall invoice tenant for any damage to Airport-owned property and labor costs associated with such work, which tenant shall promptly pay.

Section 5. Definitions:

Airport: Salt Lake City International Airport (SLC), South Valley Regional Airport (SVRA), and/or Tooele Valley Airport (TVA), collectively.

Contractor: An organization hired by a tenant at the Airport, authorized to do work for and on-behalf of tenant in the state of Utah.

Salt Lake City Department of Airports: Department of Salt Lake City which owns and operates Salt Lake City International Airport (SLC), South Valley Regional Airport (SVRA), and Tooele Valley Airport (TVA).

Tenant: An organization with an executed and current lease agreement at any of the three (3) airports SLCDA manages.

Tenant Lease Space: Space exclusively leased by the tenant in which all of the tenant's passive and active networks can be housed. This space does not traverse any common areas such as hallways, stairs, etc.

Section 6. Contacts:

Access Control Office	(801) 575-2423
Property Management	(801) 575-3433
Contracts Management	(801) 575-2984
Facilities/Maintenance Management	(801) 531-4564
Planning & Environmental Management	(801) 575-2490
Airport Operations Management	(801) 575-2401
Engineering Management	(801) 575-2902
I.T. Management	(801) 575-2921
Telecommunications Management	(801) 575-2495
Technical Systems Management	(801) 322-6532