**COMMONWEALTH OF PENNSYLVANIA HEALTH & HUMAN SERVICES DELIVERY CENTER**

INFORMATION TECHNOLOGY STANDARD

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| --- | --- |
| Name of Standard: | Number: |
| **Commercial Building Wiring** | **STD-ENSS018** |
| Domain: | Category: |
| **Network** | **Physical Media & Mechanisms / Cabling** |
| Date Issued: | Issued by Direction Of: |
| **6/29/2001** |  |
| Date Revised: |  |
| **5/28/2020** | **Jonathan Arnold, Chief Technology Officer**  **Health & Human Services Delivery Center**  **He**  **Health & Human Services Delivery Center** |

# Abstract:

The Health & Human Services Delivery Center (HHS DC) has chosen a standard for commercial building wiring.

# General:

The purpose of this document is to provide the standard for commercial building wiring at HHS DC.

# Standard:

**ANSI/EIA/TIA-568**

ANSI/EIA/TIA-568 is the standard for installing and/or renovating the cable plant within any HHS DC facility.

Cabling must be installed in accordance with EIA/TIA Technical Service Bulletin 36 for Category 5e cable or higher and all hardware must comply with EIA/TIA Technical Service Bulletin 40.

Copies of the above-mentioned standard and bulletins are available from the Health & Human Services Delivery Center or from this website hyperlink below:

<https://www.csd.uoc.gr/~hy435/material/Cabling%20Standard%20-%20ANSI-TIA-EIA%20568%20B%20-%20Commercial%20Building%20Telecommunications%20Cabling%20Standard.pdf>

# Exemptions from this Standard:

There will be no exemptions to this standard.

# Refresh Schedule:

All standards and referenced documentation identified in this standard will be subject to review and possible revision annually or upon request by the HHS Delivery Center Domain Leads.

# Standard Revision Log:

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| --- | --- | --- | --- |
| **Change Date** | **Version** | **Change Description** | **Author and Organization** |
| 6/29/2001 | 1.0 | Initial Creation | Deloitte Consulting |
| 8/14/2002 | 1.1 | Edited for style | Beverly Shultz |
| 2/10/2004 | 1.2 | Edited for Content | Doug Rutter, DTE |
| 11/06/2006 | 1.2 | Reviewed content – No changes | Doug Rutter, DTE |
| 2/26/2008 | 1.3 | Edited content & style | Doug Rutter, DTE |
| 6/25/2010 | 1.3 | Reviewed | Doug Rutter |
| 2/22/2011 | 1.3 | Reviewed content – No changes | Doug Rutter |
| 11/12/2013 | 1.3 | Reviewed content – No changes | Matthew Messinger |
| 3/20/2015 | 1.4 | Changed DPW to DHS | Bob Gordon, BIS-DTE |
| 3/08/2016 | 1.5 | Updated CTO’s name | Aamir Qureshi, BIS-DTE |
| 4/15/2020 | 2.0 | Review for Content/Organization Change | Michael E. Sites TSO |
| 4/23/2020 | 2.0 | Review for Content | Robert Gordon TSO |
| 5/14/2020 | 2.0 | Review Content/Update Hyperlink | John Tamosaitis |