

CDOT MICROSTATION LEVEL SYNCHRONIZATION

This document guides you through updating level synchronization. Whenever there is a new Configuration Release, the level libraries are not automatically updated for all MicroStation models and sheet files. Therefore, the levels will have to be manually updated for changes to custom linestyles to display correctly in your file.

Level Manager

For this example, open the **Level Manager** dialog box in the sheet file. Levels that need to be updated have asterisks before the level name.

| Evel Manager | | | |
|--|---|--|----------------|
| Levels Filter Edit | ▼ 3>• (none) ▼ | | |
| Image: State of the state | Used Name • *ALG_DTHER_Hor-Cardinals [Alignments] • *ALG_DTHER_Hor-Alignment-Sta-Minor [Alignments] • *ALG_DTHER_Hor-Alignment-Sta-Major [Alignments] • *ALG_DTHER_Hor-Alignment [Alignments] • *ALG_DTHER_Cogo [Alignments] * *ALG_EXISTING_Ver-Alignment-Text [Alignments] * *ALG_EXISTING_Cogo [Alignments] * *ALG_ALTERNATE_Hor-Tangent_Text [Alignments] * *ALG_ALTERNATE_Hor-Tangent_Text [Alignments] * *ALG_ALTERNATE_Hor-Tangent_Text [Alignments] * * *ALG_ALTERNATE_Hor-Tangent_Text [Alignments] * * * * * * * * * * * * * * * * * * * | Number Color Style Weight 19073 135 0 3 19071 135 0 4 19070 135 0 4 19069 135 0 4 19068 5 0 2 19046 81 0 2 19034 5 0 2 19039 7 0 2 19039 7 0 2 | Global Display |
| Active Level: Default | *ALG_ALTERNATE_HorAlignment (Alignments) *ALG_ALTERNATE_Cogo (Alignments) [104 of 104 displayed | 19001 7 0 4 19000 5 0 2 | · / · |

Note: Levels that have been turned off using **Global Display** also have asterisks in the level name. Be aware that the asterisks will still appear even after the levels have been updated for those that have been turned off with the Global Display setting.

Highlight **All Levels** and select the **Update Levels from Library** icon. By selecting All Levels, all attached model files should be updated. If the levels are still not displaying correctly in your sheet file, it will be necessary to open the attached model files and synchronize the levels.

| E Level Manager | | | | | | | |
|--|--|--------|---------------------|-------|-------|--|--|
| Levels Filter Edit | | | | | | | |
| Symbology: ByLevel V Symbology: | | | | | | | |
| E- 1 44444 H | d Elements Name 🛆 | Number | Description Logical | Color | Sty 🔺 | | |
| Update levels from library | ALG_ALTERNATE_Cogo (Alignments) | 19000 | Alternativ | 5 | | | |
| | ALG_ALTERNATE_Hor-Alignment (Alignments) | 19001 | Alternativ | 7 | _ | | |
| Mg 14087_topo.dgn, 100 Scale | ALG_ALTERNATE_Hor-Alignment-Sta-Major [Alignments] | 19002 | Alternativ | 7 | _ | | |
| 14087PlanSheet_1.dgn | ALG_ALTERNATE_Hor-Alignment-Sta-Minor [Alignments] | 19003 | Alternativ | 7 | - | | |
| 14087PlanSheet_2.dgn | ALG_ALTERNATE_Hor-Alignment-Text [Alignments] | 19004 | Alternativ | 7 | - | | |
| | ALG_ALTERNATE_Hor-Cardinals (Alignments) | 19005 | Alternativ | 7 | - | | |
| | ALG_ALTERNATE_Hor-Keypoints [Alignments] | 19006 | Alternativ | 7 | _ | | |
| ±⊢∟⊐ Filters | ALG_ALTERNATE_Hor-Keypoints-Text [Alignments] | 19007 | Alternativ | 7 | - | | |
| | ALG_ALTERNATE_Hor-Tangent-Lines (Alignments) | 19008 | Alternativ | 7 | - | | |
| | ALG_ALTERNATE_Hor-Tangent-Text [Alignments] | 19009 | Alternativ | 7 | | | |
| 200 Sec. 10 Se | ALG ALTERNATE Ver-Alignment [Alignments] | 19010 | Alternativ | 7 | | | |
| | | | | | ► | | |
| Active Level: Default | 1034 of 1214 displayed; 1 selec | ted; | | | | | |

After updating all the attached model files, re-open your sheet file and the **Level Manage**r. Verify that all levels have been updated. Just remember that levels that are turned off will still show asterisks. All other levels should now display correctly in your file.

| E Level Manager | | | |
|--|--|---------------------------|------------------|
| <u>L</u> evels <u>F</u> ilter <u>E</u> dit | | | |
| 🧽 📌 🤤 Symbology: <u>ByLevel</u> 🔻 | 」 🐎 (none) ▼ | | |
| [⊐-]] 44444PlanSheet02.dgn | Used Name | Number Color Style Weight | Global Display 🔺 |
| 14087 Final Design don | ALG_OTHER_Hor-Cardinals [Alignments] | 19073 🔲 135 0 | 3 🗸 🧮 |
| 14007 have day 100 Cools | ALG_OTHER_Hor-Alignment-Sta-Minor [Alignments] | 19071 🔲 135 0 | 4 🗸 🔟 |
| Mg 14067_topo.dgn, 100 Scale | ALG_OTHER_Hor-Alignment-Sta-Major [Alignments] | 19070 🔲 135 0 | 4 🗸 |
| Mod 14087PlanSheet_1.dgn | ALG_OTHER_Hor-Alignment [Alignments] | 19069 🔲 135 0 | 4 🗸 |
| 14087PlanSheet_2.dgn | ALG_OTHER_Cogo [Alignments] | 19068 🗖 5 0 | 2 🗸 |
| - All Levels | ALG_EXISTING_Ver-Alignment-Text [Alignments] | 19046 📕 81 0 | 2 🗸 |
| E-D Filtere | ALG_EXISTING_Hor-Alignment [Alignments] | 19035 📕 81 0 | 2 🗸 |
| E − C → Fillers | ALG_EXISTING_Cogo [Alignments] | 19034 🗖 5 0 | 2 🗸 |
| | ALG_ALTERNATE_Hor-Tangent-Text [Alignments] | 19009 🗖 7 0 | 2 🗸 |
| | ALG_ALTERNATE_Hor-Alignment-Text [Alignments] | 19004 🔲 7 0 | 3 🖌 |
| | ALG_ALTERNATE_Hor-Alignment [Alignments] | 19001 🔲 7 0 | 4 🖌 📕 |
| | ALG_ALTERNATE_Cogo [Alignments] | 19000 🗖 5 —— 0 —— | 2 🖌 📕 |
| Active Level: Default | 104 of 104 displayed; | ; 1 selected; | |

Note: Remember, to Save Settings prior to exiting the updated MicroStation files.

You should not have to synchronize your files again until the next configuration push. We are working with Bentley to resolve this known issue. Until then, the levels must be updated manually for custom linestyles to display correctly.