

# Why Use Projects? / Make a New Project

## Tutorial: Why Use Projects?

The tester's ProjX™ management system lets you set up projects that help you monitor the status of a job and make sure that your work agrees with the requirements of the job.

You can use a project to do these tasks:

- Specify the tests that are necessary for a job.
- Specify settings for tests.
- Specify an operator for the job.
- Make sets of sequential IDs to use as names for test results.
- Automatically save test results with IDs from a set.
- Add the results from other necessary tests to each saved result in the project.
- See which IDs do not have results for a specified test.
- See what percentage of a job is completed.
- See how many links passed and how many failed.
- Keep the test results from a job in one place for easy access.

When you use a project, you can do tests and use IDs that are not specified in the project if necessary. You can also easily change the settings in a project if necessary.

### *Notes*

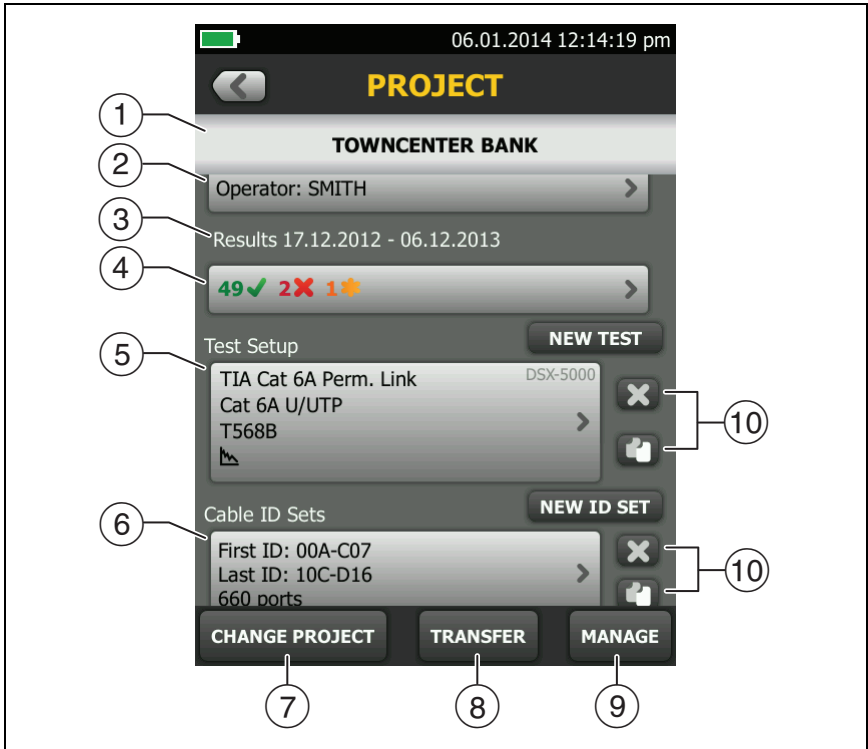
*It is not necessary to install a module to set up a project for the module. The tester keeps all settings in the main tester.*

*To manage projects in the cloud, use the LinkWare Live web application.*

# Tutorial: Make a New Project

To start a new project, tap the **PROJECT** panel on the home screen. The figure below shows the **PROJECT** screen and describes the items you enter to make a project.

The tester can have up to 100 projects.



PROJECT Screen


- ① The name of the project. See also item ⑨.


Projects you download from LinkWare Live include the organization name. They can also include subproject names. On the tester's **PROJECT** screen, these names show in this format: **Organization Name>>Project Name>>Subproject Name**.


- ② **Operator:** The name of the person who will do the tests for the project. For each operator you can also enter the email address that the operator will use as an ID to sign in to LinkWare Live.

- ③ The date range for the results in the project.

- ④ **Results:** A summary of the test results in the project:

: The number of tests that failed.

: The number of tests that passed.

: The number of results from tests on twisted pair cable that have **PASS\*** results. **PASS\*** results have measurements within the range of accuracy uncertainty for the tester.



To see the results, tap the panel.

- ⑤ **Test Setup:** The tests that are necessary for each cable in the project. To add a test to the project, tap **NEW TEST**.

- ⑥ **Cable ID Sets:** The sets of IDs the tester can use for the names of test results. Each ID set is for either copper or fiber cable. To add a set of IDs to the project, tap **NEW ID SET**.

- ⑦ To use a different project, tap **CHANGE PROJECT**, then tap a project. To make a new project, tap **CHANGE PROJECT**, then tap **NEW PROJECT**.

- ⑧ **TRANSFER** lets you export or import projects to or from a flash drive, and delete projects on the flash drive. The project data includes all project settings and test results.

- ⑨ **MANAGE** lets you rename, copy, or delete a project that is in the tester:
- **Rename:** Lets you give the project a new name. The tester saves all the settings and test results in the project with the new name.
  - **Copy:** Lets you use the settings in the project to start a new project. The tester does not put test results into the new project.
  - **Delete:** Lets you delete the project and all the test results in the project. The tester shows a warning if you have uploaded less than 100% of the results to a PC.
- ⑩ To delete the test setup or ID set, tap . To copy the test setup or ID set so you can edit it to make a new one, tap .

*Note*

*If you delete an imported ID set from a project, the ID set is still available in the tester. To delete imported ID sets from the tester, use LinkWare PC software.*

*A project must have at least one **Test Setup** and one **Cable ID** set. If you delete them all, the tester makes a default **Test Setup** and **Cable ID** set.*

## Step 1: Give the Project a Name

- 1 On the home screen, tap the **PROJECT** panel. The **PROJECT** screen shows the active project.
- 2 Tap **CHANGE PROJECT**, then tap **NEW PROJECT**.
- 3 Use the keyboard to enter a name for the project, then tap **DONE**.

### Note

#### **About Project Names from LinkWare Live:**

*Projects you download from LinkWare Live include the organization name. They can also include subproject names. On the tester's **PROJECT** screen, these names show in this format: **Organization Name>>Project Name>>Subproject Name**.*

*LinkWare Live will not use organization or subproject names you create on the tester. If you use the format **Organization Name>>Project Name>>Subproject Name** to enter names on the tester, then sync the project to LinkWare Live, LinkWare Live will use all of the names as the project name.*

## Step 2: Specify an Operator

The operator is the person who will use the project to do a job.

- 1 On the **PROJECT** screen, tap the **Operator** panel, then select or add an operator:
  - To select a different operator, tap a name in the **OPERATOR** list.
  - To add an operator to the list, tap **NEW OPERATOR**, and use the keyboard to enter a name.
- 2 Optional: Enter the email address that the operator will use as an ID to sign in to LinkWare Live.
- 3 When you are finished, tap **DONE**.
- 4 To go back to the **PROJECT** screen, tap the name of the operator you want to use.

### Step 3: Set up Tests for the Project

A project includes the tests and settings for the tests that are necessary for a job. If you do not specify settings for a test, the tester uses the default settings.

For this tutorial, your project will include tests for twisted pair cable and fiber optic cable. It is not necessary to attach a copper or fiber module before you set up a test for that module.

#### To set up a twisted pair test for the project

- 1 On the **PROJECT** screen, tap **NEW TEST**.
- 2 If the **TEST SETUP** screen does not show **DSX-8000** or **DSX-5000**, tap **Module**.  
If a module is not attached, the **MODULE** screen shows.
- 3 On the **MODULE** screen, tap the correct DSX CableAnalyzer module.
- 4 On the **TEST SETUP** screen, select and change the test settings as necessary for a test on twisted pair cable.
- 5 When you have completed your selections for the twisted pair cable test, tap **SAVE** on the **TEST SETUP** screen.

#### To set up a fiber loss/length test for the project

- 1 On the **PROJECT** screen, tap **NEW TEST**.
- 2 If the **TEST SETUP** screen does not show a CertiFiber Pro module, tap **Module**.  
If a module is not attached, the **MODULE** screen shows.
- 3 On the **MODULE** screen, tap a CertiFiber Pro module.
- 4 On the **TEST SETUP** screen, make sure the **Test Type** shows **Smart Remote**. If it does not, tap **Test Type**, then tap **Smart Remote**.
- 5 On the **TEST SETUP** screen, select and change the test settings as necessary for the loss/length test.
- 6 For this tutorial, set **Bi-directional** to **Off**.
- 7 When you have completed your selections for the **Smart Remote** test, tap **SAVE** on the **TEST SETUP** screen.

## To set up an OTDR test for the project

- 1 On the **PROJECT** screen, tap **NEW TEST**.
- 2 If the **TEST SETUP** screen does not show an OptiFiber Pro module, tap **Module**.  
If a module is not attached, the **MODULE** screen shows.
- 3 On the **MODULE** screen, tap an OptiFiber Pro OTDR module.
- 4 On the **TEST SETUP** screen, make sure the **Test Type** shows **Auto OTDR**. If it does not, tap **Test Type**, then tap **Auto OTDR**.
- 5 On the **TEST SETUP** screen, select and change the test settings as necessary for the **Auto OTDR** test.
- 6 For this tutorial, set **Launch Compensation** to **Off**.
- 7 When you have completed your selections for the **Auto OTDR** test, tap **SAVE** on the **TEST SETUP** screen.

## Step 4: Make ID Sets for Twisted Pair and Fiber Cabling

### To see the **CABLE ID SETUP** screen

- 1 On the home screen, tap the **PROJECT** panel, then tap **NEW ID SET** on the **PROJECT** screen.
- 2 Or, on the home screen, tap the **Next ID** panel, tap **CHANGE CABLE IDs**, then tap **NEW ID SET** on the **CHANGE CABLE IDs** screen.

When you make cable ID sets, you set up these items for the project:

- Sets of IDs to use when you save test results. For example, you can make one set of IDs for multimode fibers and another for twisted pair copper cables.
- For projects that use an OptiFiber Pro or CertiFiber Pro module, you specify the tests to do for each ID. As you use the project, the tester shows the percentage of the necessary tests you have completed. It also shows the IDs that do not have results for each test.

For this tutorial, your project will include ID sets for 12 twisted pair cables and 10 fiber optic cables (5 duplex fiber links). It is not necessary to attach a copper or fiber module before you set up an ID set for that module.

## To make a cable ID set for tests on twisted pair cabling

- 1 On the home screen, tap the **PROJECT** panel, then tap **NEW ID SET** on the **PROJECT** screen.
  - 2 For this tutorial, you will make an ID set that has 12 IDs for twisted pair cabling.
    - a. On the **CABLE ID SETUP** screen, tap the box under **First ID**, use the keyboard to enter B-00.
    - b. Tap the box under **Last ID**, use the keyboard to enter D-03, then tap **DONE**.
    - c. Make sure that **Copper** is selected under **Select Media**.
- Note*
- You can use ID sets you make for copper media only when you do tests on copper cabling.*
- d. Tap **REVIEW**. The **CABLE ID REVIEW** screen shows the ID set and the total number of IDs.
- 3 To save the ID set, tap **SAVE** on the **CABLE ID REVIEW** screen.