



# Automated MISTIC Material Assignments

## District 9

### Problem:

The Materials Integrated System for Testing Information & Communication requires a significant amount of redundant work when inputting material assignments. To assign materials to a construction contract in MISTIC, a user must fill out an official IDOT assignment form in Microsoft Word, print it and then re-type the contents of the form into MISTIC itself. Essentially, all data is being manually typed twice.

### Solution:

The official IDOT assignment form was recreated in Microsoft Excel, turning it into a macro-enabled workbook that uses VBA scripts. This new assignment form eliminates repetitive manual data entry, allowing for significant time savings in two ways. First, the form has the ability to auto populate several fields. Second, from this new form, users can log directly into MISTIC via a built-in password prompt, enabling the data that's been entered to be auto populated into MISTIC.

User friendly control buttons run the VBA scripts. The password prompt allows users to log directly into MISTIC.

All of the data from the new form is auto populated into MISTIC. Users can then process the transaction and print the final form.

