I do not understand why your MULTI4 starts off with a blank screen as the change I made to the array_update_indexed() function is only used after the form has been displayed and a button is pressed.

The field for destination_key/desc will not appear in the 'source' area unless it has an entry in the $fieldspec array within the 'source' object which identifies the type of HTML control which is to be used. It must also have an entry in $fieldarray which can either be blank or set to an initial value.

You do not need to create a relationship between 'source' and 'destination' in the dictionary unless there is a true relationship. The only reason for reading the foreign table in a relationship is to obtain a non-key description field which is to be displayed in the popup control instead of the foreign key. If you are happy to show the foreign key then you do not need any reference to a foreign table. If you do wish to read the foreign table to obtain a non-key field, and a true relationship has not been defined in the dictionary, you can always insert code in the _cm_getForeignData() method to read the table manually and insert the non-key field into $fieldarray.