Developer Manual – Sales Voucher Authorisation

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Sales Voucher Authorisation

Scenario:

The A2Z Departmental Stores is using Tally.ERP 9. All the sales persons are allowed to make the Sales Invoices but incase of any alteration, the same needs to be authorised by the section supervisors.

Requirement Statement:

Sales Voucher Authorisation is currently not an inbuilt feature of Tally.ERP 9. This can be achieved by customizing the same.

Solution:

Sales Invoice Authorisation can be achieved by following steps:

I. Creating Authorisation Code for Users

Add two fields at the line, **[Line: Company Users]** to store the logical value **[Yes/No]** to know whether the user is authorised to change the voucher or not and to specify the **Authorisation Code.**

```
[#Part: ComPany Users]

   Local : Line: Company Users: Add: Fields : TSPLFFEIsAuthorised,+
                                              TSPLFFEOlyPW

   [Field : TSPLFFEIsAuthorised]

         Use          : Logical Field
         Storage      : TSPLFFEIsInvAuthorised
         Width        : @@NameWidth
         Inactive     : $$IsSysName:$$Name

   [Field : TSPLFFEOlyPW]

         Use          : Short Name Field
         Storage      : TSPLFFEPW
         Set Always   : Yes
         Inactive     : #TSPLFFEIsAuthorised ="No"
```

II. Sales Invoice alter Control at Voucher Level

Introduce a variable at the Report for storing the Authorisation Code. We need to set the control at form level to control the Voucher Alteration if the user is not authorized to change the voucher at the Security Level and value of the variable is empty (Authorisation Code).

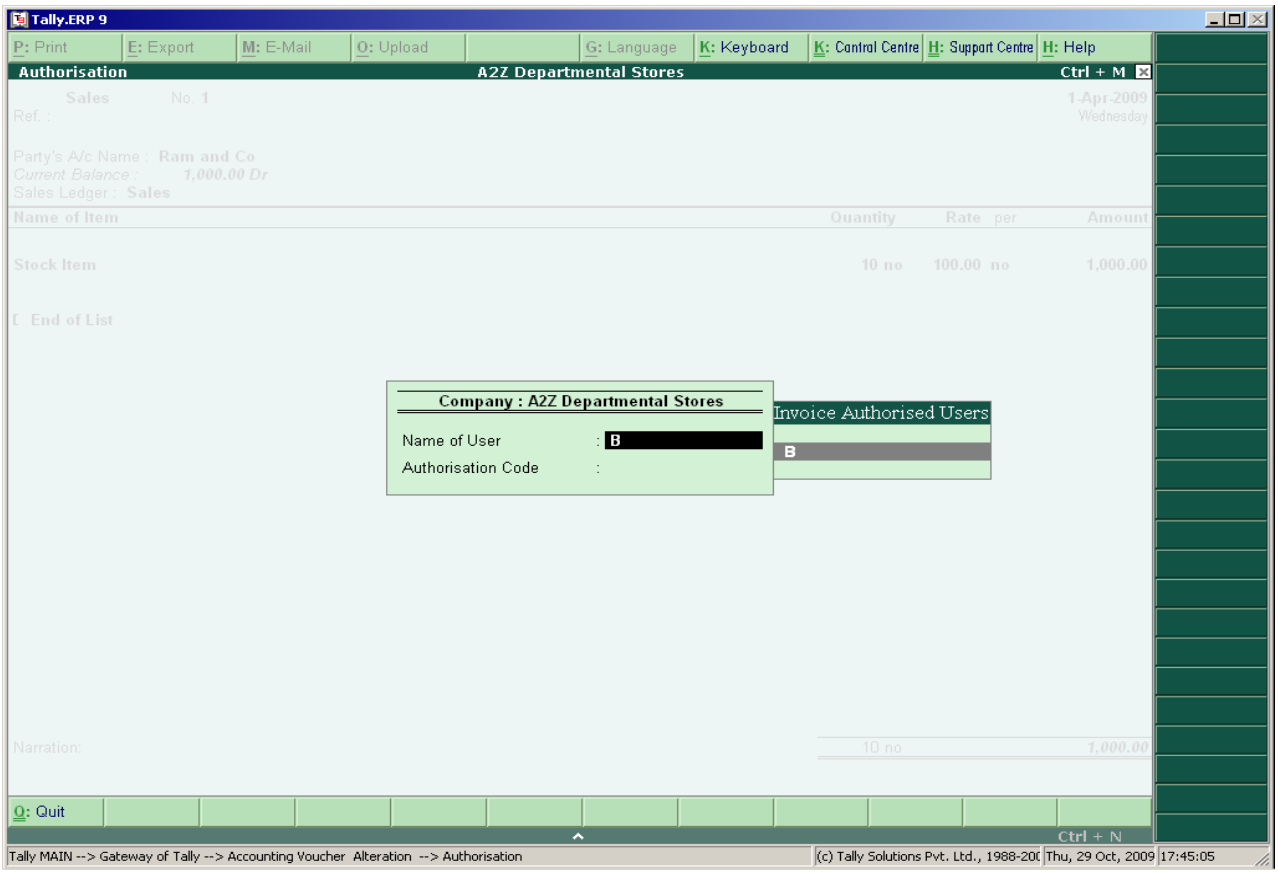
```
[Field: TSPL FFE Auth Code]

 Use      : Short Name Field
 Case     : Normal
 Modifies : TSPLFFEPwVar
 Control  : Incorrect Code:$$Value!=  $$Table:TSPLFFEAuthTitle:$TSPLFFEPwd
```

III. Voucher Authorization

Company Security Screen Altered to add new option to capture Sales Authorization Details

```
[#Line: CUTitle]

 Add   : Fields : At End  : TSPLFFEIsAuthorised, TSPLFFEOlyPW
 Local : Field  : TSPLFFEIsAuthorised : Set as   : "Vch. Authorized?"
 Local : Field  : Default : Delete    : Storage
 Local : Field  : TSPLFFEIsAuthorised : Delete   : Table
 Local : Field  : TSPLFFEIsAuthorised : Type     : String
 Local : Field  : TSPLFFEOlyPW        : Set as   : "Authorisation Code"

[#Part: ComPany Users]

 Local : Line: Company Users: Add: Fields : TSPLFFEIsAuthorised,+
                                            TSPLFFEOlyPW

 [Field : TSPLFFEIsAuthorised]

       Use         : Logical Field
       Storage     : TSPLFFEIsInvAuthorised
       Width       : @@NameWidth
       Inactive    : $$IsSysName:$$Name

 [Field : TSPLFFEOlyPW]

       Use         : Short Name Field
       Storage     : TSPLFFEPW
       Set Always  : Yes
       Inactive    : #TSPLFFEIsAuthorised ="No"
```

Add a Button at Sales Voucher Form. By clicking the Button, it has to execute a report to get Authorised User details as below:



Name of User: Select the Authorized Username from the Table. Refer the following code snippet to get the list of authorized users:

```
[Collection: TSPL FFE Auth Inv Auth Users]

   Source Collection : TSPL FFE Auth Inv Auth Users Source
   Keep Source       : ().
   Fetch             : Name, TSPLFFEFlag, TSPLFFEPwd
   Format            : $$Name, 20
   Title             : "User List"
   Filter            : TSPL FFE FrmIsInvAuthorised
   Client Only       : Yes
```

To make the TDL Release 2.0 compatible we have added Fetch and Client only attributes in the above collection. **Client Only** attribute at Collection Level, where the Collection gathering is not required at the Server i.e.; using external Data Sources like ODBC, XML, DLL etc. and **Fetch** attribute is used to fetch all the relevant methods

Authorization Code: Get the Authorization Code from the user and validate it with the Authorization Code which is set in **Security Control -> Users and Password.** Modify the value of variable set at the report level [**Report: Voucher].**

```
[Variable: TSPLFFEPwVar]

      Type  : String

[#Report: Voucher]

      Variable    : TSPLFFEPwVar

[#Report: Accounting Voucher]

      Variable    : TSPLFFEPwVar
```

TDL Capabilities Used:

I. The attributes **Client Only** and **Fetch** at Collection level
II. User Defined Fields
III. Variables