



Row Security Overview

By Andy Vanspranghe

Editor's Note: Row security might not be your first choice for data restriction, but there may be times when it is the best option—such as when proprietary or confidential information is involved and locking out an entire application is not a practical solution. In this white paper, Andy Vanspranghe discusses the security benefits vs. the system performance gotchas associated with row security in EnterpriseOne®.

Introduction

Creating a solid security plan is often tricky. If you set too few security restrictions, you may create important security holes. On the flip side, setting too many restrictions may prevent users from getting their jobs done. There is not only data-related security to consider, there are also access rights to forms, applications, menu-items, and so on. The security planning phase requires a lot of brainstorming.

Because overall security is too much to cover in this paper, I will focus on row security. In the Accounting and Human Resources applications, data such as profits or salaries are not meant for everyone's eyes. Equally, in a sales department, the sales staff may only be allowed to see the sales figures for the region for which they are responsible. This is where row security comes into play.

While important, row security comes with a downside in that it can have a negative impact on your system's performance. So there is really a lot to consider before you decide to jump into setting up row security.

Readers of this paper should have at the least a general knowledge of the JDE® database and the data dictionary. For more information on these topics, please refer to my JDEtips article “*JDE Tables: Going Behind the Screens*” (Technical category). The JDE version used to create the scenarios in this article is 8.12, with tools version 8.97.

Security Workbench

The JDE security system revolves around one table: the Security Workbench (F00950). One table means one screen application to control the setup. This application can be accessed by typing P00950 in the Fast Path command line; this brings us to the screen shown in Figure 1.

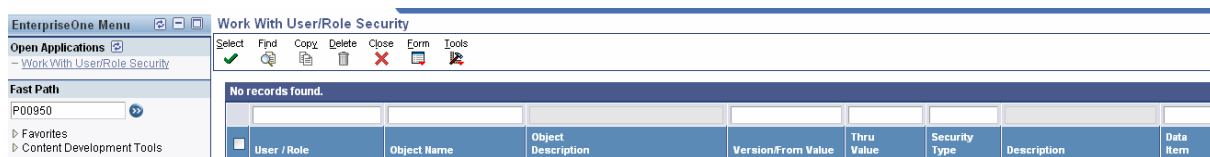


Figure 1: Accessing the Security Workbench



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Let's click on the Form exit button to discover all the different security possibilities this table offers (see Figure 2). We will concentrate on the row security.

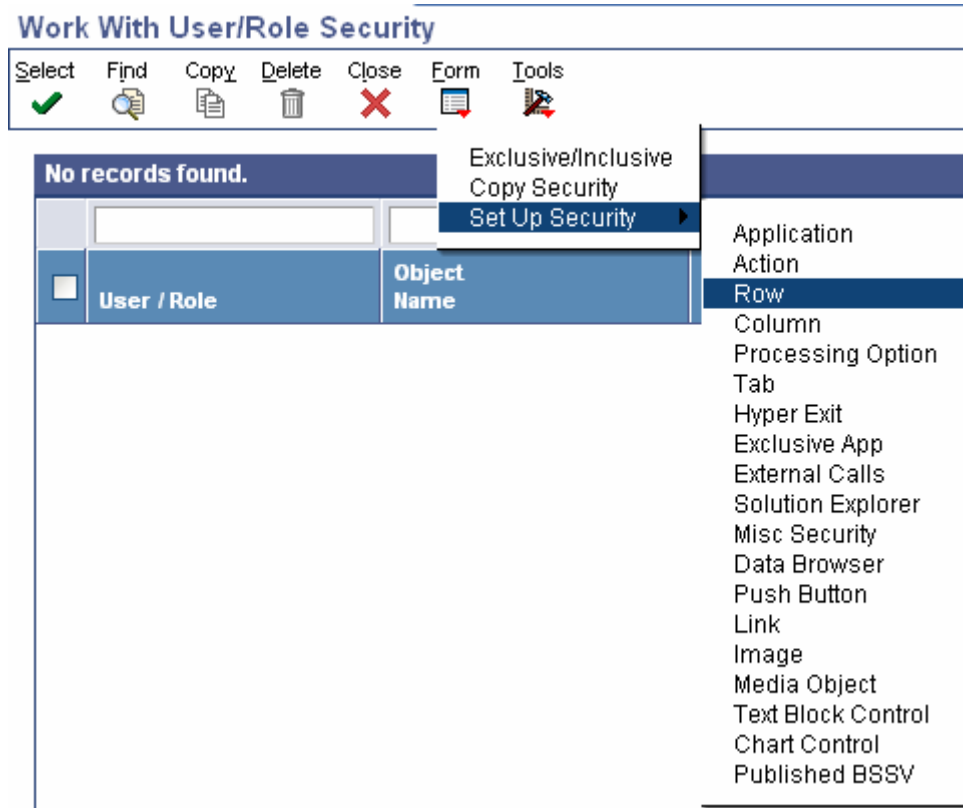


Figure 2: Security Possibilities

Click on the Row option in the Form exit to go to the screen shown in Figure 3; here you'll see that it's only showing part of the F00950 table. These are the only fields that apply to row security.

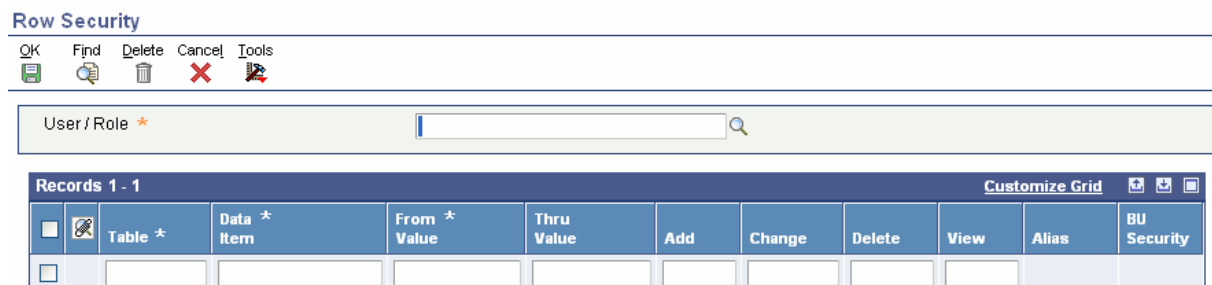


Figure 3: Row Security

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