



FAQ# 24-04200103
Modified 06/01/01

Defective Microsoft SQL Driver: Native database driver that ships with CR 7.0.100

SQL Issue No. 1

"Cannot open SQL Server" and Report generates with no data in it.

The Microsoft SQL Server native database driver that Seagate/Crystal Decisions ships with Crystal Reports 7.0.100.6 is defective. Parallel Crystal v2.3, v2.4, and v2.5 are based on Crystal 7 and have this same driver as part of their installation.

If a report uses a native connection (P2ssql.dll) to a Microsoft SQL Server stored procedure, when a Date Time type parameter is passed to the stored procedure in the Seagate Crystal Reports Designer, the report runs returning correct data.

However, when the report is called at runtime with the same parameter value, no data is returned. The report does not return any error messages and appears as a report with no data in it.

Solution

This is a known issue with the P2ssql.dll (version 7.0.100.6) that comes with version 7 Maintenance Release 1 of Seagate Crystal Reports.

To resolve this issue:

Download: [P2ssql.dll](#)

See also: <http://support.crystaldecisions.net/library/kbase/articles/c2003968.asp>

Note: According to the Crystal Decisions web site, there is a later Microsoft SQL Server direct database driver. Please do not install or use the later driver with Dynamalivery Parallel Crystal v2.3, v2.4, v2.5.

SQL Issue No. 2

When running reports that use a native connection to a database you may get a "Cannot open SQL Server" error.

Solution

One of the reasons in which this error is thrown is when the logon information is not present in your application code. Please try the sample connection code below. Another possible reason is that the client to your DBMS is not installed on the report server. To fix this simply run the install shield for your DBMS and install the client only on the report server.

sample code for database log on

```
// log into the SQL Server through the native SQL driver
PCRELogOnInfo logOnInfo = new PCRELogOnInfo();
logOnInfo.ServerName = "mssqltest";
logOnInfo.DatabaseName = "Northwind";
logOnInfo.UserID = "dummyuser";
logOnInfo.Password = password;
/*
boolean logOnStatus = engine.LogOnServer ( "P2SSQL.DLL", logOnInfo );
if ( logOnStatus )
    System.out.println ( "Log on succeeded" );
else
    System.out.println ( "Log on failed" );
*/
```