Micro Focus® InstantSQL provides a simplified but high performance way of using popular relational databases directly from within your RM/COBOL application.

Unlike other techniques, such as embedded SQL, InstantSQL brings most of the advantages of dynamic SQL to bear without the complexity of directly calling the native database API or its ODBC counterpart. Based on ODBC, InstantSQL allows many direct ODBC functions to be called as well, for those instances where more complex functionality is desired.

**Business Challenge**

Today’s business climate includes a renewed focus on driving down costs within the IT organization. When multiple technologies are used to address a common business need there are unnecessary costs introduced into the management of those systems, building connections between them, and dealing with multiple vendors. A common area in which this is seen is data access. InstantSQL provides a simplified way of using popular, relational databases directly from within your RM/COBOL application.

**Product Overview**

InstantSQL provides a simplified but high performance way of using popular relational databases directly from within your RM/COBOL application. Unlike other techniques, such as embedded SQL, InstantSQL brings most of the advantages of dynamic SQL to bear without the complexity of directly calling the native database API or its ODBC counterpart. Based on ODBC, InstantSQL allows many direct ODBC functions to be called as well, for those instances where more complex functionality is desired.

**Key Benefits**

- Leverage the power and flexibility of SQL from COBOL
- Simplify the COBOL code needed to perform data operations
- Ability to combine the power of a native database engine with the reliability of COBOL

**Key Features**

InstantSQL allows easy access to databases using Structured Query Language (SQL) from RM/COBOL. InstantSQL provides SQL connectivity from RM/COBOL applications to any Open Database Connectivity (ODBC)-compliant data source, including Relativity data sources. InstantSQL is implemented at compile time with a set of copy files and at runtime with a dynamic link library (DLL) or shared object (SO).

InstantSQL provides a set of statements that can be used in an RM/COBOL application to access databases using SQL.

**Connection statements**

Connect and disconnect from a data source

**Query statements**

Query a connected data source

**Advanced statements**

Bind columns and parameters; transactions

**Status inquiry statements**

Acquire InstantSQL state information

**System Requirements**

- RM/COBOL v8.0 or later. ODBC version 2.0.12 or later
Browse statements
Browse available data sources and connected
data source structure

Additional Product Information
The Instant SQL runtime component is freely
distributable.

Other Key Features
RM/COBOL’s runtime system is the core com-
ponent of a suite of products. Other solutions
include:

WOW EXTENSIONS
Windows Object Workshop: WOW Extensa-
tions™ gives you an easy-to-use, integrated
development environment that supports
screen design, coding, compiling, and testing
in a modern visual environment.

INSTANTSQL
Database Access with RM/COBOL: Instant-
SQL™ provides a simplified way of using pop-
ular relational databases directly from within
your RM/COBOL application.

RELATIVITY
ODBC access to Micro Focus and RM/COBOL
data: Relativity® allows core data from sophisti-
cated Micro Focus or RM/COBOL applications
to be re-tooled as a full-featured relational da-
tabase. The data can then be joined with other
disparate data and accessed by Windows-
based tools seamlessly and transparently.

XCENTRISITY®
Web Server environment for your RM/COBOL
applications: BIS offers application develop-
ers an opportunity to build Service Oriented
Architecture (SOA) applications incorporating
legacy business data and logic freely mixed
with the latest web languages and tools.