

Noble® System Integration

Flexible Data Sharing

The **Noble® Solution** integrated hardware and software platform features a completely open design, providing **extensive integration and data exchange options**, as well as compatibility with existing systems. The solution is built to meet or exceed all **SCSA (Signal Computing System Architecture)** standards and includes several **ODBC (Open Database Connectivity)** drivers to offer a range of connectivity choices. Noble Systems protects infrastructure investments by seamlessly integrating with existing operating environments, including **.Net, AS400, mainframe, NT server network, and mini-computer platforms using OCX, Active X, DDE, and NFS technologies.**

Noble's **ATOMIX™** database allows real-time data access using 32-bit ODBC technology. Noble also supports real-time data exchange, mainframe emulation, and screen scraping connectivity — letting you effectively manage your customer data and improving your competitive advantage. Noble Systems has installed our platform to integrate with a number of platforms, including Microsoft, Linux, Unix, AS400, VACS, IBM, SNA, and other O/S architectures. We have worked with hardware environments including Cisco, HP, Wyse, DEC, IBM, Siemens, and Intel. Our experience integrating with software applications for CRM includes Clarify, Clientele, Siebel, Goldmine, JAVA, ACT, Vantive, Microsoft .NET, proprietary databases, collections systems, and other legacy solutions.

Active X / OLE Custom Control (OCX)

OCX (OLE Custom Control) is an independent program module that can be accessed by other programs in a Windows environment. ActiveX is gaining prevalence over OCX and VBX tools. However, ActiveX applications are designed to be backward compatible with OCX controls. Therefore, ActiveX containers, such as Microsoft's Internet Explorer, can seamlessly execute OCX components. The *Noble ActiveX /OCX Control* allows both Visual Basic and Visual C++ programs to embed this interface within the customer provided code.

Dynamic Data Exchange (DDE)

The Dynamic Data Exchange (DDE), an inter-process communication (IPC) system, is built into the Macintosh, Windows, and OS/2 operating systems. DDE enables two running applications to share the same data. For example, DDE makes it possible to insert a spreadsheet chart into a document created with a word processor. Whenever the spreadsheet data changes, the chart in the document changes accordingly. The *Noble DDE Interface* affords the advantage of requiring little or no modification to existing DDE compliant applications. This is often the interface of choice when doing 'screen pops' to other legacy applications.

Network File System (NFS)

The *Network File System* (NFS)* is a client/server application that allows all network users to access shared files stored on computers of different types, using a Virtual File System interface running on top of TCP/IP. Users can manipulate shared files as if they were stored locally on their own hard disk. With NFS, computers connected to a network operate as clients while accessing remote files, and as servers while providing remote users access to local shared files. NFS standards are publicly available and widely used. Setting up a NFS on a Noble Linux Server linked to a SCO Server provides for nearly instantaneous list management capabilities, so that lists can be prepared and the dialer can begin dialing without waiting for exports from one system to the other. *(NFS was developed by Sun Microsystems.)*

**Each Noble installation is unique, designed to meet the needs of each individual client. Actual tools used may vary, based on the client's requirements.*

“ The ODBC Compliant database is our favorite feature. The ability to interact with the data the way we need to is critical. We have dramatically improved our reporting and data manipulation capabilities with Noble. ”