Data Sheet

LOF Enterprise 3.1

Legacy Objects Framework (LOF) Enterprise 3.1 is a set of development and deployment software tools for integrating and extending legacy systems. The tool set includes LOFModeler for development, LOF Server for deployment, and Cables.Web for secure web-based terminal emulation.

LOF Enterprise 3.1 Supports a Large Number of Legacy Systems

Manufacturer	Environment	Terminal	Comm. Protocol
IBM	zSeries(Mainframe) iSeries/AS400 (Midrange)	3270 5250	TN3270 TN5250
Unisys	1100/2200 Series System 80 ClearPath HMP IX	UTS	UNISCOPE INT1 DCP UNISCOPE INT1 HLC
Tandem	NonStop	6530	TN6530
DEC and many others	UNIX, VMS and other proprietary systems	VT-320/220/102/101/100/52 Wyse 60/50+ DG D215	Telnet & serial ports

Developing with LOF Enterprise 3.1

The LOFModeler captures and stores the important functions of the legacy system in an LOF Model and exports these functions to front-end applications as a legacy Application Programming Interface (API).

LOF Development Features

▪ Powerful scripting language allows the creation of clean model API's
 ▪ Elegant GUI tools for creating the models
 ▪ Merge data from:
     -Multiple mainframe applications into a single user interface
     -Different legacy hosts through different terminal emulations and operating systems
     -Legacy applications with data from other sources

Client Environments	**Supported Development Platforms**

▪ All Java, J2EE environments
 ▪ Microsoft® .NET applications:
     ASPX, C#, Visual Basic, C++
 ▪ Web Services (SOAP/WSDL) & XML applications
	▪ Microsoft® Windows Win32 family:
	     -Windows 2000 Professional
	     -Windows XP Professional

Cables.Web: Secure, Web-based Terminal Emulation

Cables.Web allows a unique approach of incremental development and deployment. The Cables.Web integrated terminal emulator *shares the same connection* to the legacy system as the front-end application. The Cables.Web session provides complete access to any part of the legacy system that is not yet available to the front-end application. This allows you to create a partial LOF Model of the most important legacy system functions and deploy quickly.

Cables.Web features:
▪ Self-installing thin client. Supports IE 6.0 and Netscape   ▪ Integrated with model-based screen-scraper (LOF) and shares a single session to the host   ▪ Strong encryption between the browser and Cables.Web server   ▪ Very small Java applet size   ▪ Configurable color mapping, keyboard mapping, button panels, title and fonts   ▪ Automatic font scaling   ▪ Scaleable architecture: multiple servers and processes; automatic rollover; no single point of failure

Security

LOF Enterprise 3.1 supports a large number of encryption standards for communication between the front-end applications, their associated Cables.Web sessions and the LOF Servers.

Security Options	
▪ RSA (Public Key/Private Key) 1024- and 2048-bit	▪ Blowfish 128-, 192- and 256-bit
▪ DES 56-bit	▪ AES (Advanced Encryption Standard) 128-, 192- and 256-bit
▪ Triple DES (3DES) 112-bit	▪ CAST 128-bit

Deploying LOF Enterprise 3.1

Web Portals and Front Ends built with LOF Enterprise 3.1 are deployed in a multi-tier architecture where the LOF Servers form the tier between the legacy system and the web application. These LOF Servers run in a peer-to-peer network administered by the LOF Directory Server, one of the many server application tools included in LOF Enterprise 3.1.
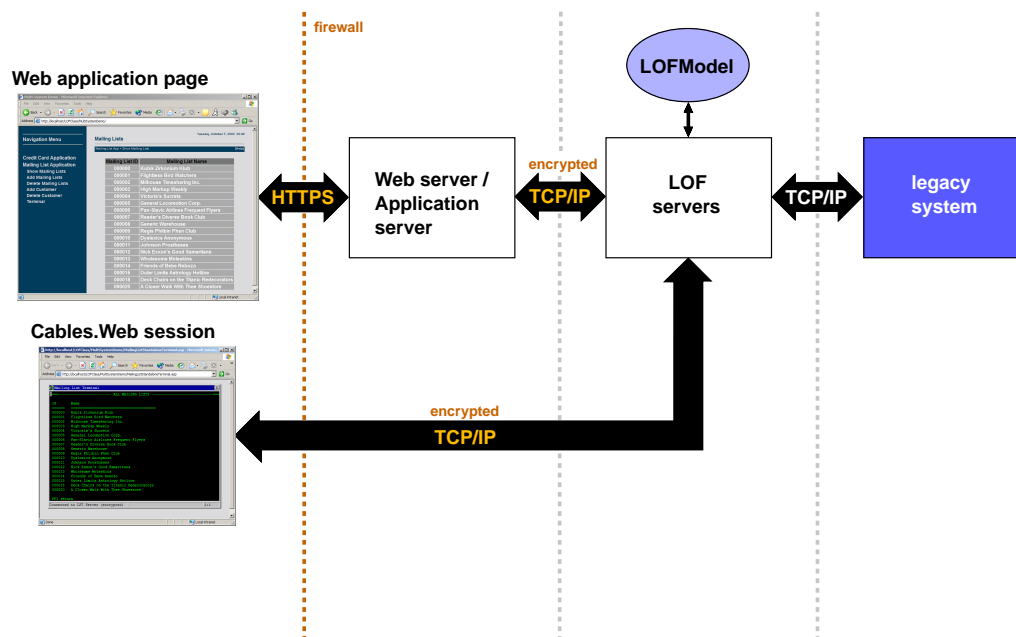
LOF Deployment Features
▪ Robust error handling
▪ Scaleable architecture:multiple servers and processes; automatic rollover, no single point of failure
▪ Strong encryption between the application server and the LOF server
▪ Centralized administration of LOF Servers

Deployment Platforms	LOF Server Tools	
▪ Windows NT/2000/2003	▪ Service Manager	▪ LPT Server
▪ Solaris 7 and higher	▪ Directory Server	▪ LPT Forwarder
▪ Linux (Intel x86)	▪ Model Server	▪ Log Server
	▪ Emulation Server	

Since its founding in 1992, Yrrid Software, Inc. has a proven track record of providing cutting edge software solutions for legacy connectivity, legacy integration and legacy extension for large production environments in both corporate and government settings.