



## Interface between SNA and TCP/IP

HOB COM is the central component of HOB's host software. As an interface between SNA applications and TCP/IP (applications and printers), HOB COM gets your host in shape for the modern client/server environment. Thanks to its countless features, HOB COM improves the performance and administration of your PCs, NCs, terminals and printers.

## Connect your Mainframe to a modern Client/Server Environment using HOB COM

Thanks to HOB COM, mainframes can now be easily integrated into a modern client/server environment, making legacy databases and applications in the SNA field easily accessible without the need for expensive and time-consuming upgrades. Comprehensive support of TCP/IP allows you to access the host via both Intranet and the Internet.

## HOB COM – the Integration and Optimization Software for /370 and /390 Mainframes

### Flexible Terminal, PC, NC and Printer Connections

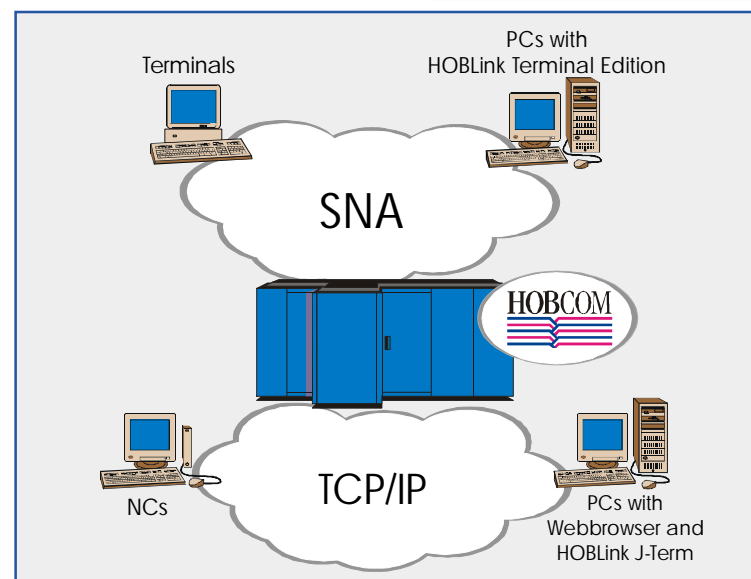
HOB COM offers a broad range of possibilities not only for accessing your terminals, PCs and NCs, but also to print via these devices. In addition to the broad range of connection methods available under SNA, HOB COM makes it possible to use a TCP/IP network, ideally the Internet. TCP/IP connections can be made over TN3270 and TN3270E, respectively.

## Comprehensive Management and Access

HOB COM allows you to manage and access:

- ▶ All PCs running 3270 emulations, e.g. HOBLink Terminal Edition
- ▶ All PCs with a browser and a 3270 emulation in Java, e.g. HOBLink J-Term
- ▶ All NCs running a 3270 emulation
- ▶ All 3270 terminals
- ▶ All 3270 printers
- ▶ All network printers with LPD or raw print
- ▶ All TN3270 printers

Thanks to HOB COM the mainframe becomes the central interface in the modern client/server environment.





# No Gaps. The Functions.

## Improved TCP/IP Communication - Secure and Performant

HOB COM offers you a wide variety of ways to improve the security of communication over TCP/IP. One example is the support of several TCP/IP stacks. By distributing internal and external communication over several stacks, Denial-of-Service attacks can be countered. With HOB COM you can set timeouts for communication with terminals and printers as your needs dictate. This prevents hacker attacks and spares system resources.

## Flexible and Comfortable Printer Management

HOB COM has comfortable printer services. You can print from any application to any printer. Hereby the print data is taken directly from the application, regardless of whether it is a spooler, for example JES, or a CICS transaction. The printer can be connected to any PC with a terminal emulation or to a 3270-terminal. Form parameters can be changed online without any operator intervention. You also have the option of intervening at any time in print applications running in the batch. HOB COM contains printer drivers for all conventional printers, as well as a "free" printer driver with which you can define printer commands for any

printer (place your own ESCAPE-sequences).

## Printing via TCP/IP

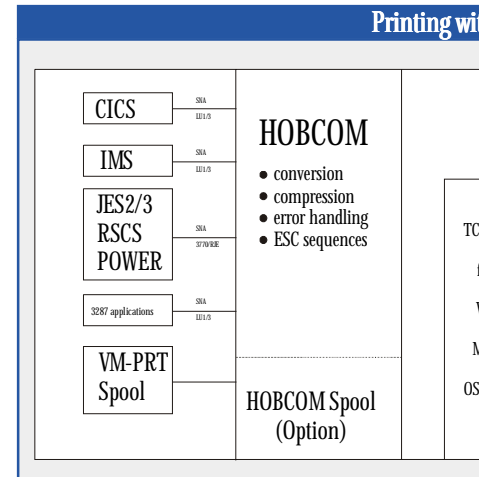
There are four different varieties of printout possible for connections over TCP/IP:

- ▶ Direct printing to a network printer over the LPD protocol
- ▶ Direct printing to a defined data port of the network printer
- ▶ Printing via a Telnet 3270E-session to any 3270-emulation
- ▶ Printing via a Telnet session to a HOB client, whereby the printout is independent of the IP-address and the printer data are additionally compressed and (optionally) encrypted.

Of course, HOB COM can also print over SNA.

## Data Compression

HOB COM compresses all data sent over a communication link, whereby the VTAM compression methods are ideally enhanced. Benefits of the optimized HOB COM compression are: shorter transmission times, shorter response times and savings on expensive high-speed transmission lines. The data compression and selection allows you to reduce transmission costs for remote applications by up to 90%.



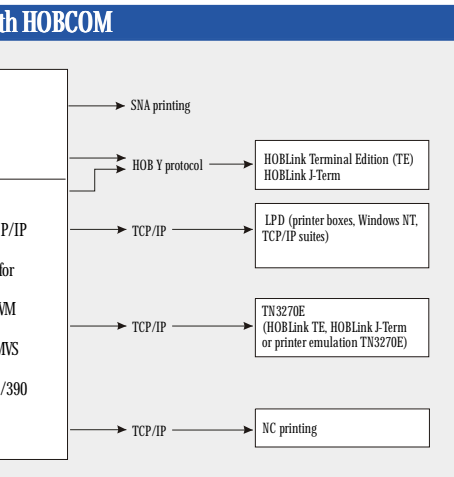
## Optimal Security through Encryption

With HOB COM you can encrypt your password, and, if desired, encrypt the entire data stream (Y-Protocol) as well. This is complete, end-to-end encryption from the client to the host, and leaves no gaps through which unencrypted data could be accessed. It fulfils all the requirements for strong encryption and is therefore optimally suited for Web-to-Host communication. All you need on the client side is HOBLink Terminal Edition or HOBLink J-Term.

## Comfortable System Management - also with a GUI

A wide range of operating commands allows you to obtain information at any time about the status of HOB COM applications. Administration can be performed either by entering operator com-

# Comfortable: Working with it.



mands or by using a graphical user interface (System Information Center) in the Web browser. The System Information Center simplifies and accelerates many operator tasks, for example, the administration and monitoring of batch tasks. The STTE option enables a comfortable support. With this function the contents of any terminal screen can be viewed by the system administrator and other authorized persons without leaving their workstation. This drastically simplifies hotline support.

## LDAP Connection

HOB COM user-data, e.g. user-name and password, can be managed either in HOB COM itself or by using an LDAP server. By centrally managing this information, the time and expense for the entire administration can be greatly reduced.

## Screen Sessions with HOB COM

HOB COM can hold a screen session, thanks to the “Hold Mode.” Should the communication between client and host be interrupted, for example, through a faulty connection, the user will return to the same host screen directly after logging on and can resume work from where it was interrupted.

## Session Manager

The HOB COM Session-Manager enables you to start and manage sessions, e.g., from screen connections to any host application. Any number of sessions can be run, whereby only one screen session is required. All sessions are displayed in only one user interface. In this user interface new sessions can be started and you can switch from session to session.

## Log for System Messages

All system messages from HOB COM are recorded in a log that can be viewed at any time. The displayed messages can be filtered according to numerous criteria, providing the administrator with a fast overview of just the information desired or of the entire log.

## Additional Options

HOB offers numerous enhancements and options for HOB COM:

- ▶ S-Session, allows the connection of 3270 terminals and emulations
- ▶ Y-Session, encrypts and compresses data traffic
- ▶ HOBTEXT, the central archive and mail system
- ▶ HOBLIST, archives host output
- ▶ AUTOCON, System Management for VM
- ▶ HOB COM Spool: spools print jobs
- ▶ STTE, makes user-support a snap
- ▶ HOBOFFICE, the office system on your PC
- ▶ TCTGUI: Graphical user interface for the creation of the HOB COM TCT (configuration table)

# Compressed:

HOBCOM: Features and Benefits  
A brief description

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Test? Fine with us.

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We're convinced that you'll  
like HOBCOM.

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Just call or fax us.

## Product-Highlights at a Glance

- ▶ Savings on transmission lines thanks to data compression and selection
- ▶ Optimal security through encryption of the entire data stream
- ▶ Access in CMS without VM/VTAM and VSCS
- ▶ Receives data from CICS and forwards it to any VM machine
- ▶ Printing from the VM-PRT-Spool without the need for RSCS and VTAM
- ▶ RACF support under MVS
- ▶ RACF passticket support
- ▶ No session loss when lines are down (Hold Mode)
- ▶ Printing via TCP/IP to Web browsers, NC, LPD, and TN3270E emulations
- ▶ HOB Y protocol for secure encryption and optimal compression

## The Total Solution for Host Access via TCP/IP:

HOB offers you a complete solution for host access via TCP/IP. On the client side, both HOBLink Terminal edition and HOBLink J-Term give you comfortable, easy-to-use emulation software for all conventional PC operating systems. Platform-independent 3270-connectivity is provided by HOBLink J-Term, which can be used with any Java-capable computer, for example, an NC. If you want to convert TCP/IP to SNA, HOBLink SNA Router is the ideal choice. On the host side, HOBCOM enables you to access printers, terminals, PCs and NCs, and, in the process, to enhance their capabilities.

## Easy Installation

HOBCOM is quick and easy to install. After start-up HOBCOM requires only a few seconds before it's ready to start serving the terminals. In larger enterprises, thousands of PCs and terminals are running under HOBCOM.

## Single Sign-On

Thanks to HOBCOM's numerous functions, working on the host becomes more efficient and easier. An example: the single sign-on function allows the user to access all of his or her usual applications without having to login separately for each new application. A big time saver.

## System Requirements

HOBCOM runs on mainframe computers with /370 or /390 architecture, e.g. on the 9370, 3090, P/390, ES/9000 and 9672. HOBCOM runs under the following operating systems:

- ✓ VSE/ESA
- ✓ MVS/ESA
- ✓ OS/390
- ✓ VM/ESA (CMS or GCS)
- ✓ z/OS

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