LOGITEK SYSTEMS

*"Bringing Innovative Solutions
to the Pick Marketplace"*

Power Comm ™

Data Communications Software for Pick-Based Systems
Version 2.3

HIGHLIGHTS

- High-speed transfers
- Reliable error detection
- Multiple items per block
- Auto block size leveling protocol
- Aborted transfer resume option
- Script language
- XModem and YModem protocols
- TCL command interface
- Direct terminal mode
- BASIC API's
- Menu-driven parameter setup
- Easy to install
- Easy to use
- Quality documentation
- Satisfaction guarantee

OVERVIEW

PowerComm is a high performance data communications software package for systems running the Pick Operating System. PowerComm provides data communications services by providing full TCL command and user mode interfaces for maximum flexibility.

TCL Command Mode

For ease of use and flexibility, all of the data transfer commands are available at TCL. Using the standard TCL command line interface, all options and parameters are easily incorporated into programs.

- **Full TCL command line functionality** using the standard TCL interface convention makes it quick and easy to use and remember.
- **On-line help** for all TCL commands provides convenient quick reference when you need it.

Direct Terminal Mode

PowerComm includes a direct terminal mode that allows you to communicate to another system as a terminal on that system.

- **User-definable alternate break key** changeable at runtime for flexible break key handling.
- **User-definable alternate escape key** at runtime also provides for a flexible direct mode exit key.
- **Capture mode** provides storage and playback of your entire direct terminal mode.

- **Script mode** can automate log on sequences for quick and easy dial ups.

BASIC Applications Program Interface

The BASIC API is an application programming interface to the communications software. This interface is fully documented and is accessed by calling subroutines or user exits.

- **TCL command interface** is used with the BASIC execute statement and all TCL commands return error message numbers for complete testing in BASIC.
- **User mode interface** provides programmers maximum flexibility for unique end-user requirements.
- **Fully documented examples** can be used as a template to start using the API routines.

PowerComm Pick-to-Pick Features

PowerComm uses its own proprietary protocol for maximum speed and reliability. Combined with smart buffering and automatic remote computer overrun detection, data transfers are quick and reliable.

- **User definable block size** provides maximum data throughput under user control.
- **Automatic error detection and correction** maintains data integrity.
- **Automatic block size leveling protocol option** increases data throughput for busy systems or degraded connections.
- **User definable protocol characters** removes Pick on Unix break key mapping problems.
- **Multiple items per block** dramatically increases data throughput.
- **Aborted transfer recovery option** can avoid sending the same data multiple times.
- **Spooler hold file transmission** with automatic data compression.
- **Package utility** for multi-file or full account transfers.

COMMUNICATIONS LIBRARY

The PowerComm Communications Library (PCL) enables programmers to quickly create unattended complex communications transfers under program control. Some of the many features include:

- Table-driven parameters
- Dialer for making connections
- Modem control API
- Logon scripts
- Full remote system file I/O
- Remote system TCL command execution
- Extensive logging capabilities
- Source code provided for customization

SPECIFICATIONS

D³ / Advanced Pick Systems

- Up to 31 simultaneous active ports.
- Baud rates to 38400.
- User-definable ABS file usage during installation.

Pick R83 Systems

- Up to 15 simultaneous active ports.
- Baud rates to 19200.
- User-definable ABS frame usage during installation.
- 32,000 bytes maximum item size.

Included Protocols

- PowerComm Pick-to-Pick
- XModem Checksum/CRC/1K/G
- YModem Checksum/CRC/G
- ASCII paced/streaming

PowerComm Software Requirements

For fast and reliable data file transfers between two Pick systems, one copy of PowerComm is required for each system.

Pick Operating System Requirements

PowerComm requires one Pick user license for each active communications port.

QUALITY DOCUMENTATION

- Fully indexed user manual
- Quick reference guide
- Release notes
- Quick reference ASCII chart

AVAILABLE PLATFORMS

- D3 AIX
- D3 SCO
- D3 ProPlus or D3 Linux
- D3 NT
- Advanced Pick Protected Mode
- Advanced Pick DOS
- Advanced Pick SCO Unix v6.1
- Advanced Pick AIX v6.1
- Advanced Pick Native
- Pick's R83 v3.1

LOGITEK SYSTEMS

Carlsbad, California	
	USA
info1@logitek.com	
Tel:	760.607.6000
Fax:	760.607.6001
www.logitek.com	