User Manual

Network 3000

Communications Users Guide

Bristol Babcock

DOCKET ALARM
Find authenticated court documents without watermarks at docketalarm.com.

User Manual

Network 3000

Communications Users Guide

Bristol Babcock

DOCKET ALARM
Find authenticated court documents without watermarks at docketalarm.com.

DOCKET ALARM
Find authenticated court documents without watermarks at docketalarm.com.

NETWORK-3000 COMMUNICATIONS
USER's GUIDE

Table of Contents

1	INTRODUCTION	3
1.1	Scope	3
1.2	Reference Documents	3
2	BSAP COMMUNICATIONS OVERVIEW	4
2.1	Introduction	4
2.2	Network Hierarchical Structure	4
2.3	Relationship Of Nodes On The Network	5
2.4	Protocol Layers	7
2.5	Polling Philosophy	8
2.6	Failure Recovery	9
2.7	Pseudomaster	10
3	COMMUNICATION MESSAGE STRUCTURE	11
3.1	Protocol Messages (POLL, ACK, ACK-NODATA, NAK, UP-ACK,	11
3.2	Data Message (Global And Local)	13
4	DATA TRANSFER	14
4.1	Alarm Handling	14
4.1.1	Alarm Message Formats	16
4.2	Peer To Peer	24
4.2.1	PEER TO PEER RETURN ERROR CODES	31
4.3	Remote Data Base Access	32
4.4	Immediate Response Mode	34
4.5	Time Synchronization/Node Routing Table	34
4.5.1	Global Address Calculation	38
4.6	Download	39
4.7	Diagnostics	43
5	TRANSMISSION MODES	44
5.1	Asynchronous	44
5.2	Synchronous	44
5.3	Data Highway	44
6	ON-LINE STATISTICS	46
6.1	Asynchronous	47
6.2	Data Highway	49
7	USER NOTES	52
7.1	Selecting The Poll Period	52
7.2	Selecting Peer-to-Peer Rate	55
7.3	Communincation Hardware Timing Considerations	56
7.4	Default Network Configuration Files	57
7.5	Interfacing To Foreign Hosts	60
7.6	Stand-alone Systems	61
7.7	ACCOL PROM-based Units	62
7.8	Additional Buffers	62
7.9	Common Trouble Shooting Techniques	63
7.10	Remote Diagnosis For System 3000	64
7.11	Standards For Drawing Network Diagrams	65
7.12	Tuning 3380 Systems For Maximum Throughput	65
7.13	Notes On Modems And Radios	66
7.14	Port Interaction	66
8	COMMUNICATION CODE DEFINITIONS	67

DOCKET ALARM
Find authenticated court documents without watermarks at docketalarm.com.

8.1 Communication Function Codes 67
8.2 Communication Error Codes 68
8.3 Sample Communication Transactions 68
8.4 Node Status Byte 72
9 GLOSSARY 73

APPENDIX A BRISTOL STANDARD ASYNCHRONOUS PROTOCOL

APPENDIX B REMOTE DATA BASE ACCESS

APPENDIX C REPORT BY EXCEPTION

DOCKET ALARM Find authenticated court documents without watermarks at docketalarm.com.

DOCKET ALARM

Explore Litigation Insights

Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

Real-Time Litigation Alerts

Keep your litigation team up-to-date with **real-time alerts** and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

Advanced Docket Research

With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

Analytics At Your Fingertips

Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

LAW FIRMS
Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

FINANCIAL INSTITUTIONS
Litigation and bankruptcy checks for companies and debtors.

E-DISCOVERY AND LEGAL VENDORS
Sync your system to PACER to automate legal marketing.