



MERLIN LEGEND® System

Powerful Benefits for Your Business Communications

At the heart of the **MERLIN LEGEND®** Communications System are powerful functionality and features specifically designed to provide you with tangible benefits: greater productivity for individual staff members and your business in general; efficiency enhancements that help you provide better service, for greater customer satisfaction; and cost-containment enhancements that help you protect your investment and use all your resources more effectively.

Productivity

Attendant (Operator) <ul style="list-style-type: none">– Direct Line Console (DLC)– Queued Line Console (QLC) Auto Maintenance Busy	Integrated System Administrator	– System
Auto Number Identification (ANI) ¹	Last Number Dial	Station DSS Auto Dial
Automatic System Backups	Line Request	System Directory
Basic Service Center (BSC)	Local Host Computer Access	System Renumbering
Calling Groups	Maintenance Alarm	Optional Adjuncts
– Delayed Announcement	On- and Off-Hook Queuing	Computer-Telephony Integration (CTI)
– External Alerts ²	On-Hook Dialing	– MERLIN LEGEND Telephony
– Group Coverage	One-Touch Transfer	Services (TSAPI)
– Most Idle Agent — Primary/ Secondary Agent	Paging	• Novell Netware or Windows NT Server Software ³
– Night Service	– External Loudspeaker ²	• Phonetastic ³
– Overflow Traffic-/Time-/Prompt-Based	– Internal Station Speaker — All	– PassageWay® Direct Connection (TAPI)
– Priority Call Queuing	– Internal Station Speaker— Group	• Snap Connection ⁴
– Queue Control Limit	Park	Digital Announcements Units (DAUs)
Extension Copy	Personal Directory	Enhanced Service Center (ESC)
Hotline Service	Personal Lines	WinSPM System Programming and Maintenance Software
Idle/Prime-Line Preference	Personalized Ringing	TransTalk® 9000 Digital Wireless System
Incoming Caller Line Identification (ICLID) — Name and Number ¹	Privacy	Wallboard(s)
	Remote Administration Modem	
	Service Observing	
	Speed Dial	
	– Button Access	
	– Personal	

Efficiency

Alarm Clock	Coverage Extended — Primary, Secondary, Group	Extension Directory
Auto Answer-All/Intercom	Coverage Inhibit	Extension Status
Auto Callback	Data Hunt Groups	Forward and Follow Me
Auto Dial	Date/Time Display	Handset Mute
Auto Line Selection	Delayed Call Forwarding	Hands-Free Answer on Intercom (HFAI)
Barge In	Delayed Ring Interval	Headset Status
Call Forwarding	Direct Station Selector	Hold Reminder
Call Pickup	Direct Voice Mail	Inspect
Call Waiting	Directories	Intercom Dialing/Transfer
Callback	Distinctive Ringing	Manual Signaling
Camp On	Do Not Disturb	Message Indicator
Conference		Microphone Disable

Efficiency (cont.)

Missed Reminder Call
Music-on-Hold Interface
Mute
PCMCIA Software Upgrades⁵
Recall
Reminder Service/Wake-up Call
Ringing Line Preference
Saved Number Dial
Send Message

Speakerphone
Timer
Transfer
Transfer Redirect
Uniform Dial Plan
Voice Announce
Voice Announce from QCC
Voice Announce on Busy Station
Volume Control

Optional Adjuncts

Doorphone
Headsets
Magic On Hold® Systems
Paging
Polycom SoundStation®
Supplemental Alerts—Bell, Horn,
Strobe, Chime
Supplemental Station Alert Adapter

Cost Containment

Account Code Entry/Forced Account
Code Entry
Allowed Lists
Authorization Code Handling
Authorization Codes with Verification
Automatic Route Selection
Basic Rate Interface (BRI)—National ISDN²
Centralized Voice Messaging
Data Stations
Direct Inward Dialing (DID)
Direct Inward Dialing T1 Support
DS1 Interface for T1 or PRI Service
Flash ROM Memory
Internet Access
Line/Trunk Pool Button Access
Line/Trunk Pools
Line/Trunk Queuing
Messaging
Modem Pools—External
Modes
– Behind Switch
– Hybrid/PBX
– Key
Multilingual Terminals
Networking

Night Service
Off-Premises Telephone (OPX)
Out-of-Building Stations
Power Failure Transfer
Primary Rate Interface (PRI) Connectivity
Support
– 5E6, 5E FTS 2000, 4E13
– ANI
– Call-by-Call
– DMS-100
– DMS-250
– DXE-600E
– ISDN PRI
– Route by Dial Plan
– Station Identification (SID)
– Tandem Trunk Demand Test
Pulse-Tone Conversion
Recorded Announcement Interface
Remote Access
Remote Call Forwarding
Remote Call Forwarding—Centrex Lines
Shared Lines
Simultaneous Voice, Data, Fax, and Video²
Station Message Detail Recording (SMDR)²
Station Restriction

Switched Data
Tandem Switch
Tandem Trunks
Tie Trunks
Toll-Fraud Defaults
Voice Mail²
Voice Mail Off
Optional Adjuncts
Analog Telephones—Lucent 6200 Series
Ascend Pipeline
Call Accounting System (CAS)
INTUITY™ AUDIX® System
INTUITY CONVERSANT® System
MERLIN LEGEND Mail
MERLIN LEGEND Reporter
Messaging 2000
Multifunction Module
PARTNER® Telephones—Models 6, 18,
18D, and 34D
Uninterruptible Power Supply (UPS)
Video Systems
– Desktop
– Group

Specifications

Capacities

80 Trunks, 200 Station Ports, 108
Simultaneous Nonblocking Conversations

Control Unit Dimensions

Fully Loaded Basic Carrier:
23" H x 14" W x 12" D
(54.8 cm H x 35.6 cm W x 30.5 cm D)
Fully Loaded 2-Carrier:
23" H x 25" W x 12" D
(54.8 cm H x 61.0 cm W x 30.5 cm D)
Fully Loaded 3-Carrier:
23" H x 37" W x 12" D
(54.8 cm H x 94.0 cm W x 30.5 cm D)

Power Requirements

Fully Loaded Basic Carrier:
117 VAC 60 Hz ± 5% 5.4 Amps
Fully Load 2-Carrier:
117 VAC 60 Hz ± 5% 10.8 Amps
Fully Loaded 3-Carrier:
117 VAC 60 Hz ± 5% 16.2 Amps

Weight

Fully Loaded Basic Carrier: 45 lb (20.25 kg)
Fully Loaded 2-Carrier: 90 lb (40.50 kg)
Fully Loaded 3-Carrier: 135 lb (60.75 kg)

Heat Dissipation

Fully Loaded Basic Carrier: 500 BTU/hr
Fully Loaded 2-Carrier: 1,000 BTU/hr
Fully Loaded 3-Carrier: 1,500 BTU/hr

Environmental Conditions

Temperature: 40°–104° F (4°–40° C)
Relative Humidity: 20–80%,
Noncondensing



¹ Requires subscription to ISDN ANI or Caller ID. The availability of caller identification information may be limited by your service, geographic availability, or central office equipment.

² May require additional equipment or service.

³ Novell and NetWare are registered trademarks of Novell, Inc. Phonetastic is a trademark of CallWare Technologies, Inc. Windows NT is a registered trademark of Microsoft Corporation.

⁴ Snap Connection is developed by Algo Communications Corporation.

⁵ Meets Personal Computer Memory Card International Association (PCMCIA) standards.

⁶ SoundStation is a registered trademark of Polycom, Inc.