

CLEC Access to SBC's OSS Applications



BILLING OPTIONS

Billing Information (SWBT)

(Resale and UNE)

Billing Information (Bill Info) is a GUI that provides real-time access for viewing billing data and other information. CLECs may search by Telephone Number, Operating Company Number, Billing Account Number (BAN), or Circuit Identification. Information that can be viewed for local exchange services includes sections of a bill, payments and adjustments, subscription reports, and Customer Service Record.

Bill Plus (SWBT)

(Resale)

Bill Plus provides the same information as the paper bill. Bill Plus is a software package that is installed on the CLEC's PC. It enables the CLEC to receive monthly bills on CD-ROM, view the bill on screen, search for information quickly, generate a variety of standard and customized reports, print any portion of the bill, track intraLATA toll calls, and export data to other software programs, word processors or spreadsheets.

Custom Billing Disk/CD Bill (NB/PB)

(Resale)

User-friendly PC software package that provides CLECs an electronic bill with the same information as the paper bill, along with various reporting options. A CLEC may receive their monthly bill on diskette or CD ROM, extract billing data to internal systems, create standard, customized or historical reports, track intraLATA tolls calls, and export data to other programs.

Daily Usage Extract/Data Exchange (NB, PB, SWBT)

(Resale and UNE)

Daily file of the usage billed to the resold account or the UNE port. Data is provided in industry standardized Exchange Message Record format. It enables CLECs to track end user usage on a daily basis, manipulate usage data to generate any report, bill end users, audit specific usage, and track long-distance calls/volume.

Electronic Data Interchange Billing/E-Bill (NB, PB, SWBT)

(Resale)

Electronic Data Interchange Billing (EDIB) utilizes national standard for EDI – ANSI ASC X12 811 Transaction Set, providing the same information as on the paper bill. With EDIB, along with some translation software that can be purchased, a CLEC can manipulate billing data to generate reports, export data to other internal systems, and obtain billing data for their end-user customer billing system.

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Bill Data Tape (NB, PB, SWBT)

(UNE)

CLECs may receive data in an electronic format from CABs database via the local Bill Data Tape in the Billing Output Specifications (BOS) format.

Magnetic Tape (NB/PB)

(Resale)

A standard 9-track magnetic reel or cartridge which provides billing record detail for use in a mechanized environment. Data is available in ASCII or EBCDIC language, in Exchange Message Record format. The magnetic tape includes flat-rated charges, usage sensitive charges, call detail, and Customer Service Record.

Cartridge or NDM (SNET)

(UNE)

Services are billed through the Carrier Access Billing System (CABS). As such, the customer has a primary choice of bill media, paper vs. alternate media. Alternate media specifications were developed according to the guidelines established in the Ordering and Billing Industry Forum. Options currently available are cartridge and Network Data Mover (NDM). The alternate bill media option is available at an additional charge.

Billing Detail File (SNET)

(Resale)

Services are rendered through the CRIS billing system. Customers who purchase services will receive a paper bill. In addition, there is an alternative bill media available on magnetic tape or cartridge. The additional bill media includes additional detail not listed on the paper bill. Detail is provided for services at a USOC level and for usage originated from the CLEC's end users (as applicable). If alternative bill media Connect: Direct/Network Data Mover (NDM) is selected, service establishment charges will apply.

The Daily Usage File (AIT)

This file contains the recorded or received daily usage information for your end-users. The recorded usage is unrated and unedited on this file, and is intended to provide you with the information necessary for you to bill your end-users for usage. This file is not AIIS' bill to you.

The Monthly Paper Bill (AIT)

This is AIIS' bill to you. It summarizes all the charges and credits associated with the purchase of Resale and/or Unbundling from AIIS and will be directed to your Accounts Payable department. This bill will be sent to you within ten calendar days of your bill period date.

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The Monthly Electronic Bill File (AIT)

This file details the charges included on the Monthly Paper Bill and will be sent to you two working days after the Monthly Paper Bill is sent.

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OTHER FUNCTIONS

Listing Gateway (NB/PB)

The Listing Gateway is an application that allows CLECs to send directory listing information via Network Data Mover (NDM) to the Pacific Bell / Nevada Bell directory systems. It provides Completion reports and Extraction reports to each CLEC. The Listing Gateway also allows CLECs to view their active listings on a web site.

E911 Gateway (NB/PB)

Provides CLECs with the capability to send E911 requests directly to a Gateway via dial up. The E911 Gateway provides updates to Pacific Bell / Nevada Bell E911 database.

Southwestern Bell's Operational Support Systems

Presented by:

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Number of Customers with Access to OSS Interfaces

As Of September 30, 2000

■ Pre-Ordering

DataGate	5
Verigate	155
EDI/CORBA	10

■ Ordering/Provisioning

EASE	89
EDI Gateway	31
LEX	124
Order Status	150
Provisioning Order Status	87

Number of Customers Using/Testing OSS Interfaces

As Of September 30, 2000

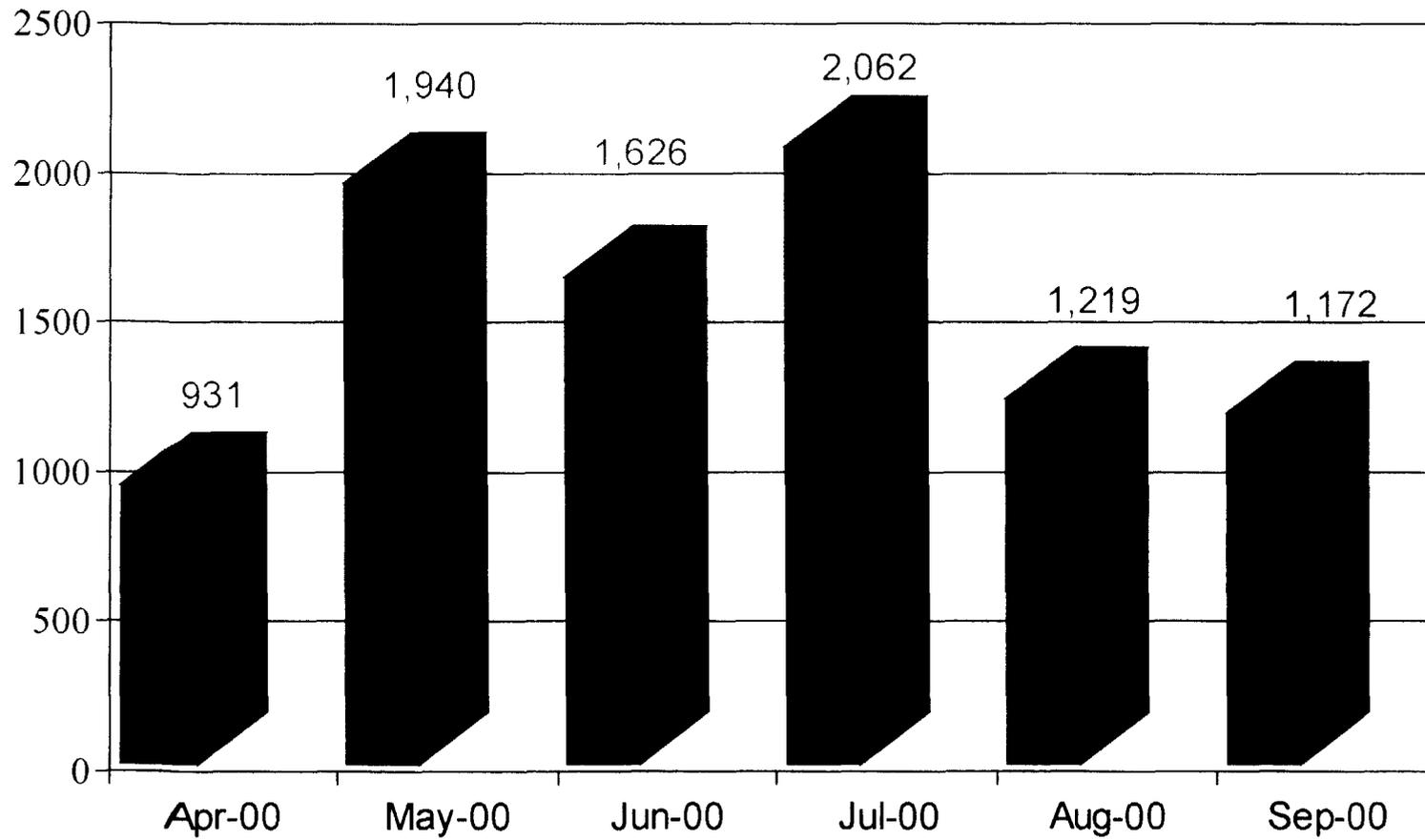
■ Maintenance and Repair

Toolbar/Trouble Admin.	150
Electronic Bonding	2

■ Billing

Bill Plus	143
EDI	15
EMI (Usage Extract)	73
Toolbar/Bill Information	152

USER ID's Issued

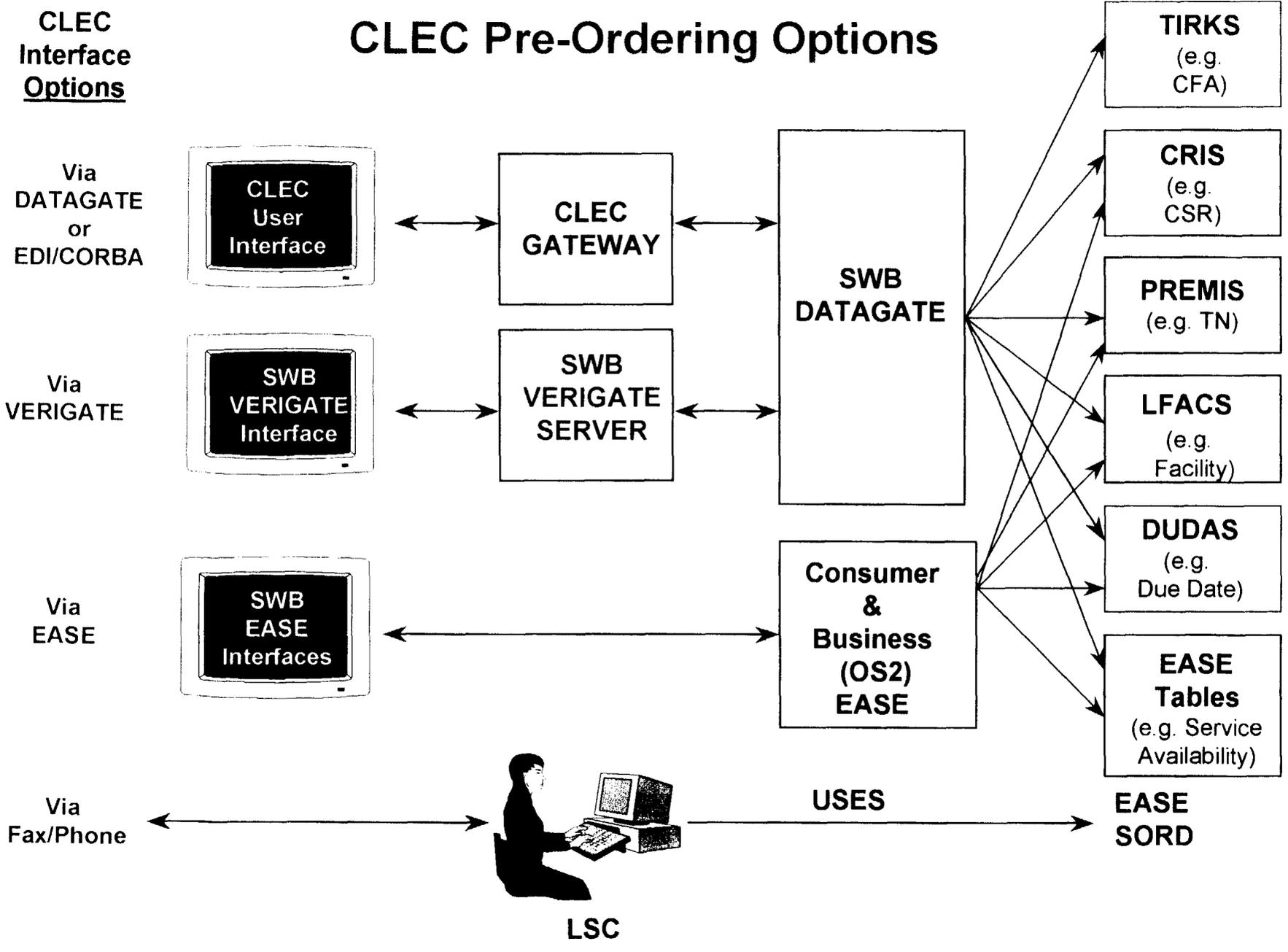


Cumulative Sept '97 - September '00 21,807

Pre-Order

- **EASE - Easy Access Sales Environment**
- **DataGate**
- **Verigate (Toolbar)**
- **EDI/CORBA**

CLEC Pre-Ordering Options



EASE

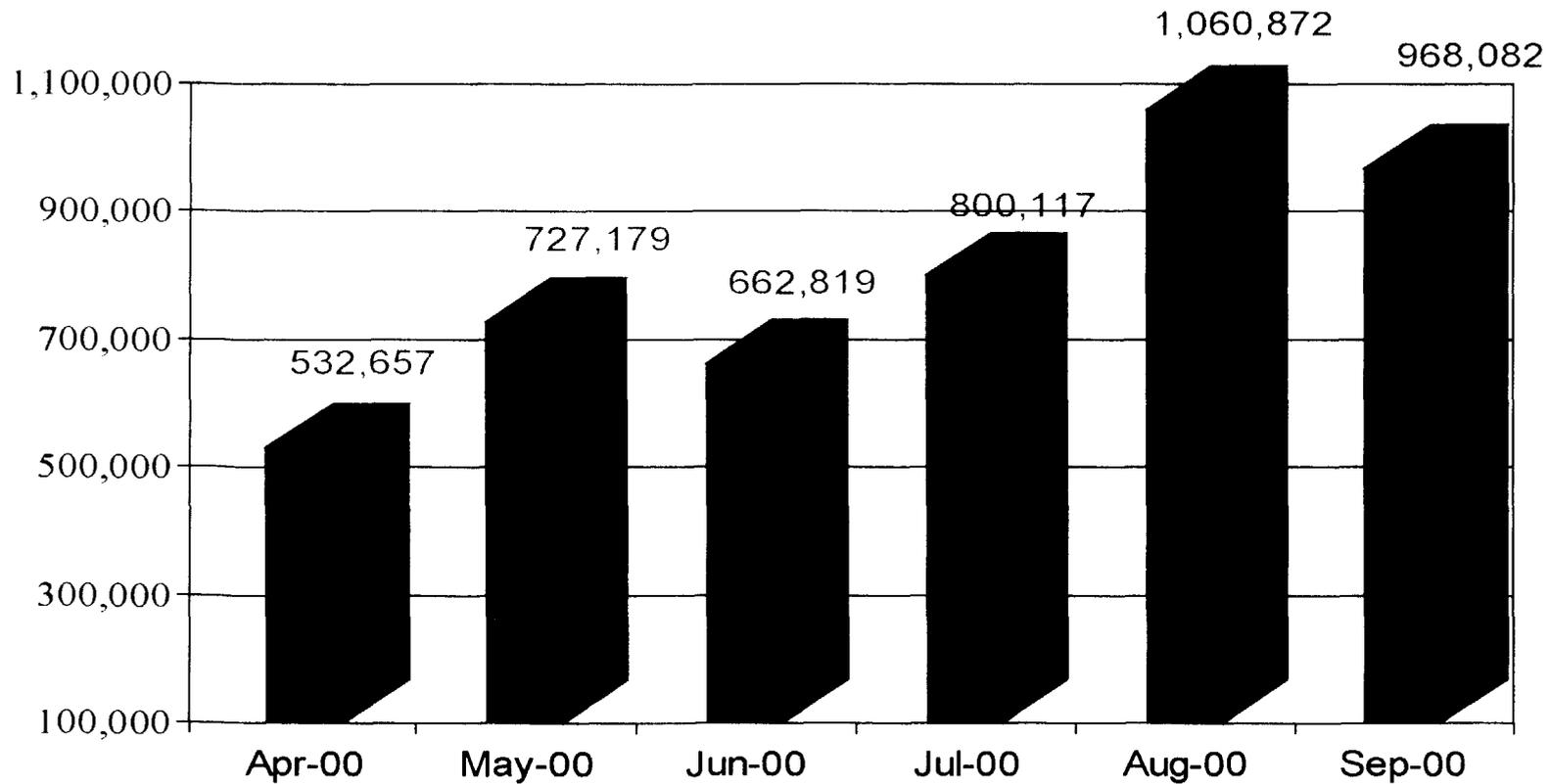
- **Easy Access Sales Environment**
- **Used by SWBT retail since 1992**
- **Awarded “Enterprise Value Award”
from CIO Magazine**
 - **“Ultimate accolade of business success”**
- **Nominated to receive “Smithsonian
Innovation Award”**

Verigate

- **GUI (Toolbar Platform) - no development required on CLEC part**
- **Processes commercial volumes**
 - **September = 968,082 transactions**
 - **Cumulative (7-97) = 8,470,386* transactions**
- **155 CLECs have access**

*Verigate volumes for June are understated, as data for Verigate volumes from June 1 to June 7 are not included.

Verigate Transaction Activity



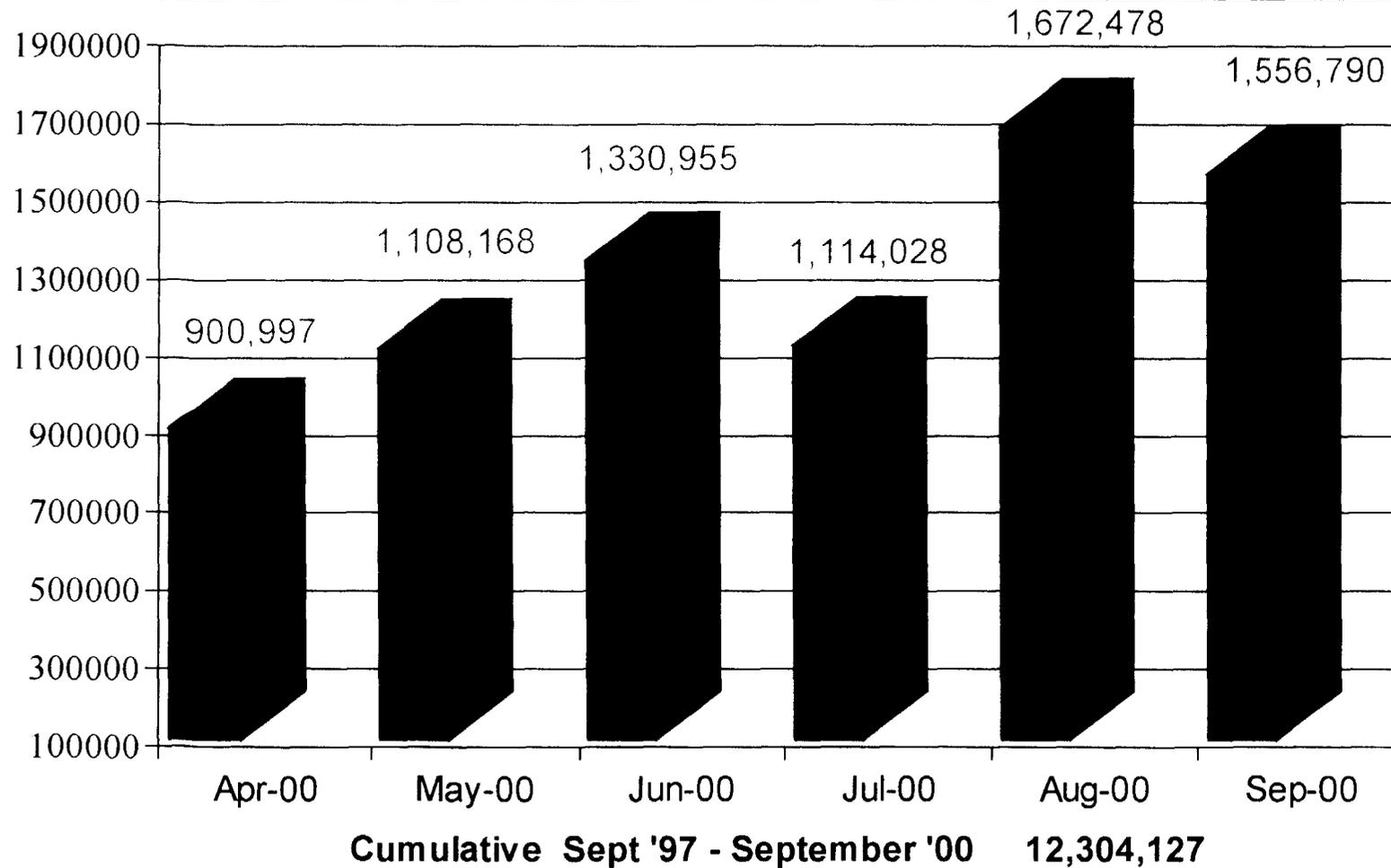
Cumulative September '97 - September '00

8,470,386

DataGate

- **App-to-App - can be integrated with CLEC negotiation system & EDI for Ordering**
- **Processes commercial volumes**
 - **September = 1,556,790 transactions**
 - **Cumulative (9-97) = 12,304,127 transactions**
- **Five CLECs have access**

DataGate Transaction Activity



EDI / CORBA

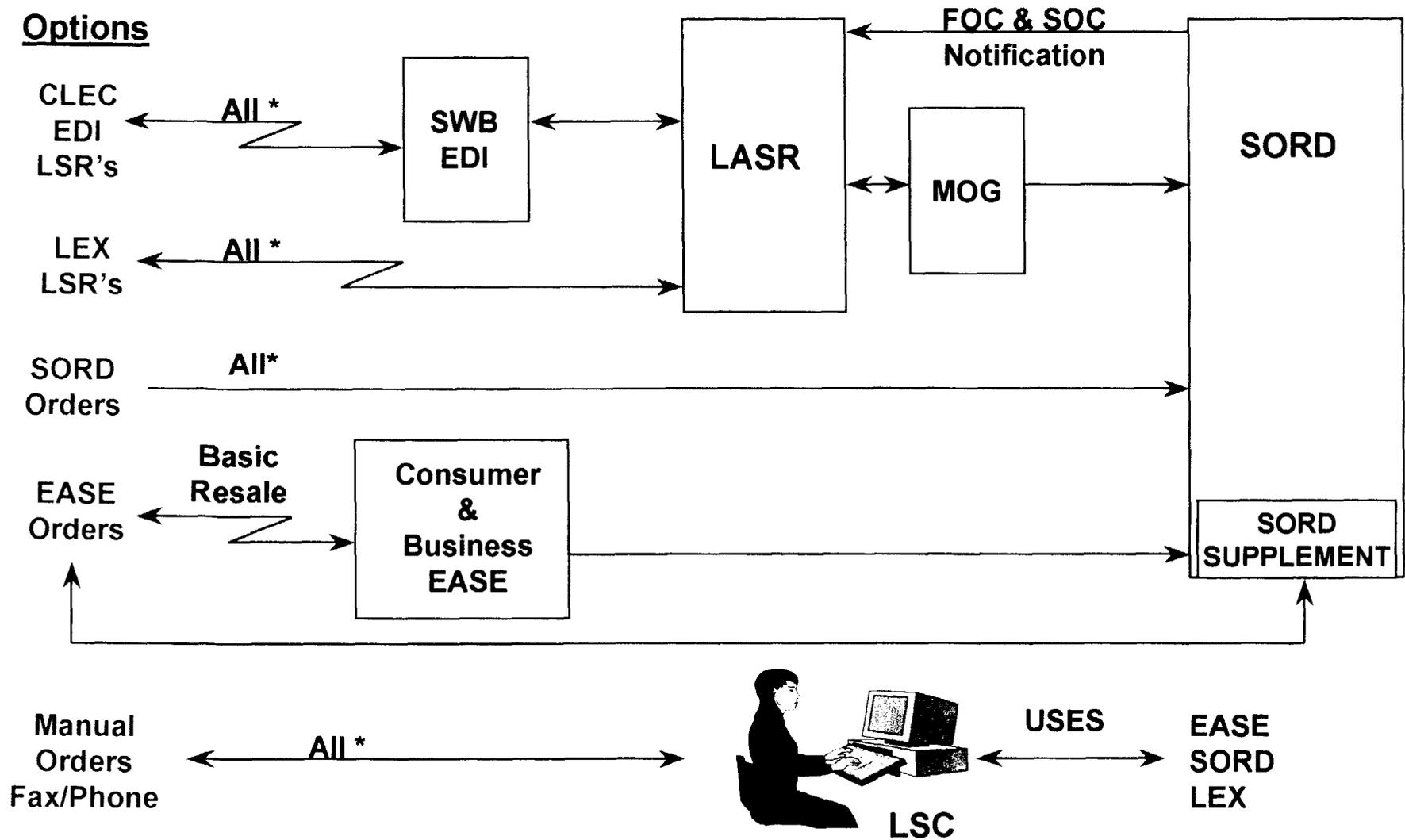
- **“Gateway” app-to-app interface**
- **Can be integrated with CLECs’ systems & with EDI for ordering**
- **Industry standard pre-ordering interface**
- **Supports two structural protocols**
- **Ten CLECs in production**
- **Two CLECs currently testing**

Ordering / Provisioning (cont)

- **EASE - Easy Access Sales Environment**
- **LEX - LSR Exchange System (Toolbar)**
- **EDI - Electronic Data Interchange**
- **Order Status (Toolbar)**
- **Provisioning Order Status (Toolbar)**

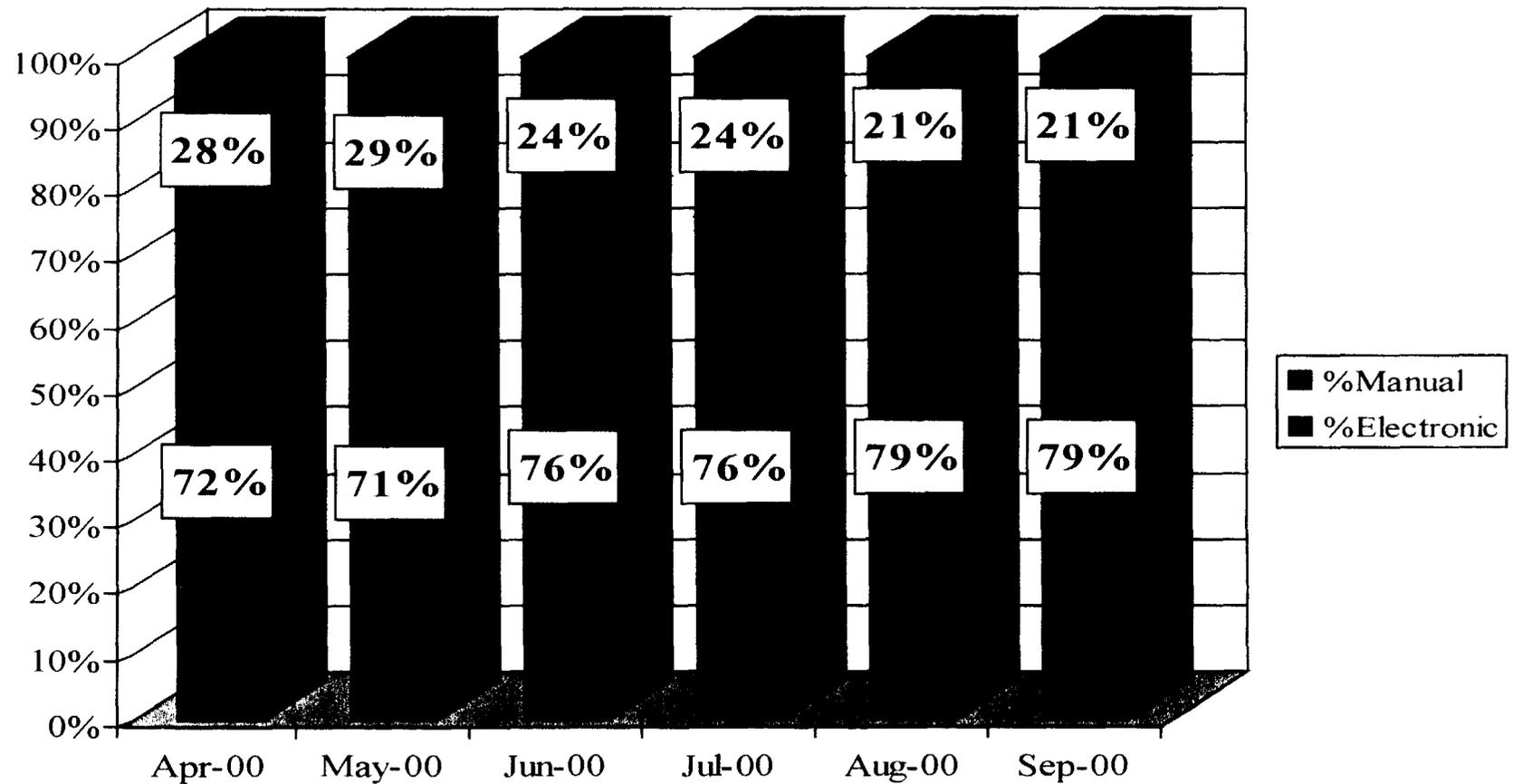
CLEC Ordering Options

CLEC Interface Options



* NOTE: Denotes all types of orders Resale & UNE

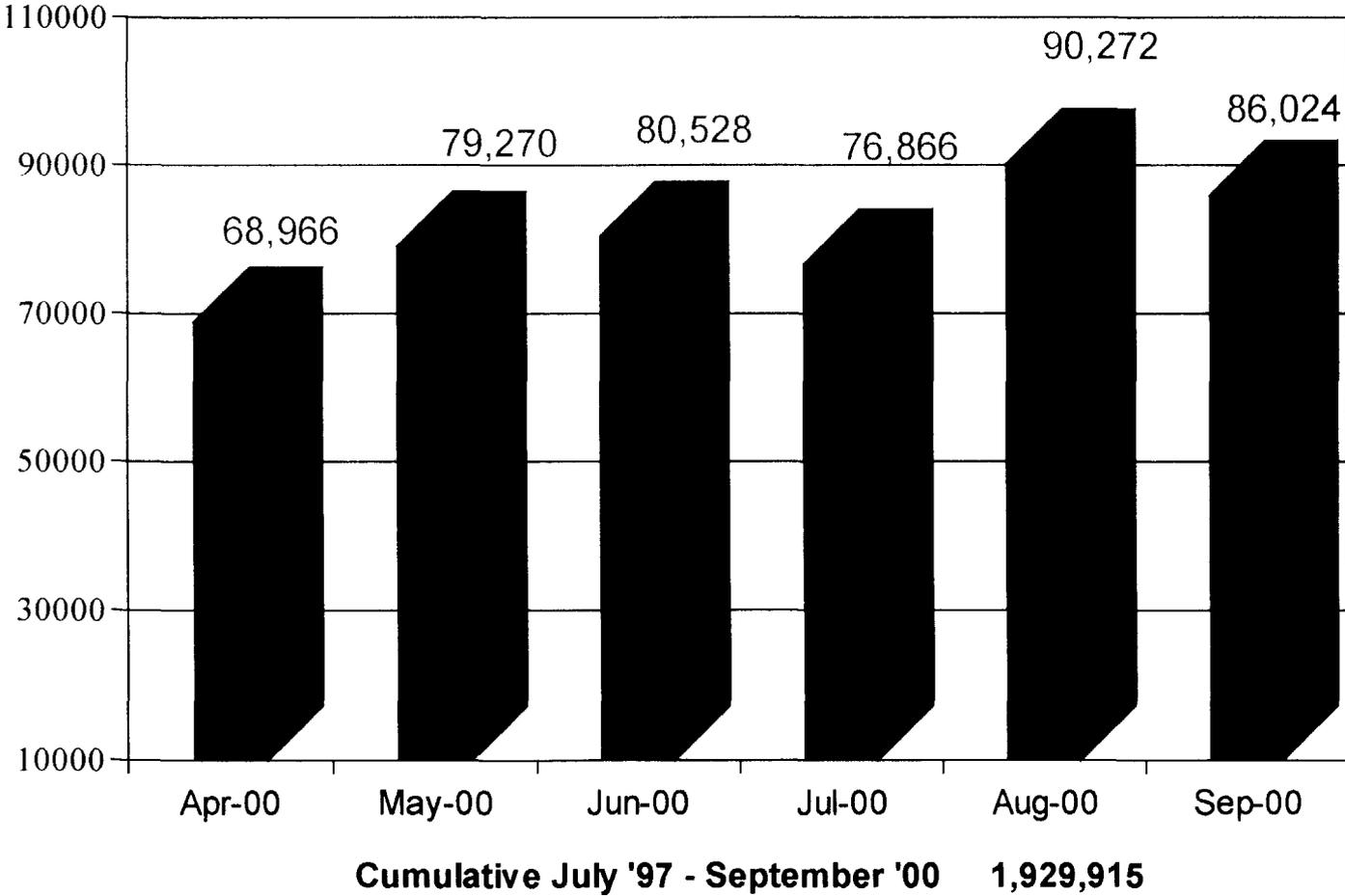
SWB Posted CLIEC Orders Percent of Manual Versus Electronic Entry



EASE and SORD

- **Used by SWBT's retail operations**
- **Provides parity**
- **Both process commercial volumes (SWBT)**
- **EASE processes commercial volumes (CLEC)**
 - **September = 86,024 service orders**
 - **Cumulative (7-97) = 1,929,915 service orders**
 - **89 CLECs have access to EASE**
 - **64 CLECs have access to SORD**

EASE Service Orders



EASE Flow-Through

Wholesale/Retail Flow-Through Percentage Flow-Through from EASE through . .

	February '00		March '00		April '00		May '00	
	W	R	W	R	W	R	W	R
SORD Distribution	98.0	90.4	97.2	89.7	96.7	89.4	97.7	90.5
Completion	96.5	88.5	95.7	88.0	95.2	87.6	96.0	88.1
Posting	90.9	84.1	89.8	83.6	90.6	83.2	92.3	83.6
	June '00		July '00		August '00		September '00	
	W	R	W	R	W	R	W	R
SORD Distribution	96.8	90.5	97.4	90.3	97.2	89.7	97.7	89.3
Completion	95.0	88.1	95.4	88.0	95.3	87.3	95.8	87.2
Posting	91.1	83.5	92.1	82.9	91.7	82.9	92.7	81.7

W = Wholesale

R = Retail

LEX

- **Local service order Exchange**
- **GUI (Toolbar platform)**
- **Based upon national OBF / LSR guidelines**
- **Used by SWBT to submit LSRs to GTE**
- **Processes commercial volumes**
 - **September = 148,006 service orders**
 - **Cumulative (2-98) = 1,225,814 service orders**
 - **124 CLECs have access**

LEX Service Order Activity

