

eTRAFFIC, LEGACY & SOFT SWITCHES

Cordell's eTraffic has been designed to function in both single and multiple switch type environments. This allows the customer flexibility as networks grow and more switches are added. This is especially important when incorporating soft switch technology. Cordell's eTraffic consists of a main Windows server for report generation and a second EMS/ISD4000 Series II server where data is transferred to the server to automatically build CSV files and subsequent processing for summation and reporting. In larger networks, multiple ISD4000 may be required for data collection for polling at a later date. Data is stored in multiple locations for up to a year.

The user establishes traffic package parameters in the switch and sets up a serial link to direct the traffic data to a Cordell ISD4000 Series II. The switch will automatically generate a traffic report at scheduled intervals and send it to the ISD4000 for storage. Stored traffic data can be forwarded automatically to an IP address or it can be retrieved. The user establishes whether data is retrieved continuously, daily or periodically.

Cordell's personnel will accompany each system for assistance in set-up, training and report generation. As with all Cordell equipment, we have a team of support people for all of our products.

<p>Please select the desired reports:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Delay <input type="checkbox"/> Access Interface Unit (AIU) <input type="checkbox"/> Access Interface Unit - Lines <input type="checkbox"/> Digital Network Unit (SONET) - Remote Digital Terminal <input type="checkbox"/> Integrated Digital Carrier Unit (IDCU/IRT) <input type="checkbox"/> IS Line Units <input type="checkbox"/> Line Units <input type="checkbox"/> Multi-Line Hunt Group <input type="checkbox"/> Office Totals <input type="checkbox"/> Processor <input type="checkbox"/> Tone-Decoders <input type="checkbox"/> Trunks <input type="checkbox"/> Validity <p style="text-align: right;">5ESS</p>	<p>Please select the desired reports:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Trunks <input type="checkbox"/> Multi-Line Hunt Group <input type="checkbox"/> Line Trunk Groups (LTG, OFCA-OFCB) <input type="checkbox"/> Office Totals <input type="checkbox"/> Processor <p style="text-align: right;">EWSD</p>	<p>Please select the desired reports:</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Trunks <input checked="" type="checkbox"/> Office Totals <input checked="" type="checkbox"/> Dial Tone <input checked="" type="checkbox"/> Network <input checked="" type="checkbox"/> Customer Study <input checked="" type="checkbox"/> Receiver <p style="text-align: right;">DMS100</p>
<p>Please select the desired reports:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Trunks <input type="checkbox"/> Processor <input type="checkbox"/> Multi-Line Hunt Group <input type="checkbox"/> Office Totals <input type="checkbox"/> Service <input type="checkbox"/> Network <input type="checkbox"/> Customer Study <input type="checkbox"/> Carrier <p style="text-align: right;">DMS-10</p>	<p>Please select the desired reports:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Call Agent <input type="checkbox"/> ISDN PRI <input type="checkbox"/> SIP Trunk <input type="checkbox"/> Trunk Access Gateway <input type="checkbox"/> ISUP Media Channel <input type="checkbox"/> MF Media Channel <input type="checkbox"/> Adaptor <input type="checkbox"/> MLHG Group <input type="checkbox"/> MLHG Member <input type="checkbox"/> Subscriber Gateway <input type="checkbox"/> SDP SYS <input type="checkbox"/> IDT PORT <p style="text-align: right;">MetaSwitch</p>	

Optional Reports: MetaSwitch, 5ESS, Nortel, EWSD, CedarPoint and GTD-5

eTraffic Solutions

SYSTEM SOFTWARE AND USAGE

Cordell's e Traffic system consists of multiple servers working together in collection, processing and generating reports based on user request. The following are components or features of the system:

Cold Fusion™ – User Interface software

Microsoft SQL™ – Database Management

Windows™ Server – Standard Edition

HTML Interface for Local and Remote Access

Engineering Reports (1-31 Days), 4 Busy Hour Summary Methods, Report Customization and Auto Conversion to Excel Spreadsheet

Automatic Excel Population

D	TRUNK	EBH	IPC	OPC	TPC	OFL	ICCS	OCCS	TCCS	MTU	HT	IN SVC	REQ	DIF
19	6 Cellular	11	40	0	40	0	5	0	5	0	0	3	3	0
20	10 <Null>	24	0	0	0	0	0	0	0	0	0	1	0	-1
21	11 <Null>	24	0	0	0	0	0	0	0	0	0	1	0	-1
22	12 <Null>	24	0	0	0	0	0	0	0	0	0	1	0	-1
23	17 Mixed FGI	20	9	0	9	0	4	0	4	0	0	5	2	-3
24	21 <Null>	24	0	0	0	0	0	0	0	0	0	0	0	0
25	41 <Null>	24	0	0	0	0	0	0	0	0	0	0	0	0
26	55 <Null>	15	36	0	36	6	32	0	32	36	1	0	5	5
27	56 <Null>	17	13	0	13	0	28	0	28	36	2	0	5	5
28	60 <Null>	24	0	0	0	0	0	0	0	0	0	0	0	0
29	65 Trunk grou	15	1	0	1	0	60	0	60	0	60	7	1	-5
30	66 Trunk grou	24	0	0	0	0	0	0	0	0	0	14	0	-14
31	67 Customer	5	1	0	1	0	3	0	3	0	3	5	2	-3
32	91 <Null>	10	1041	1182	2223	0	815	1156	1971	0	1	0	73	73
33	92 <Null>	24	0	0	0	0	0	0	0	0	0	0	0	0
34	94 <Null>	14	3	0	3	0	7	0	7	36	2	0	3	3
35	102 <Null>	24	4	0	4	90	0	0	0	5116	0	0	0	0

Word Excel Save this View

ISUP Media Channel Report

SEQ#	TRUNK	POINT	POINT	CHANNEL	CLLI2	Type	Use	TABLE	Capacity	Notes	BH	INC	OUT	TOTAL	INC	OUT	REQD	DIFF	
1	1-1-1	1-1-1	1-1-1	2-2-1	1	CORDELL	PH	ED	7.01	0	24	04:00	100	100	100	100	140	0	9
2	1-1-1	1-1-1	1-1-1	2-2-2	2		DP	NO	7.01	0	24	04:00	0	0	0	0	0	0	0
3	1-1-1	1-1-1	1-1-1	2-2-3	3	OTHER_BLD	DP	SE	7.01	507	24	04:00	0	0	0	0	0	24	0
4	1-1-1	1-1-1	1-1-1	2-2-4	4	OTHER_BLD	DP	SE	7.01	507	24	04:00	0	0	0	0	0	24	0

MetaSwitch

CORDELL, INC. 918 Palomares Avenue, La Verne, CA 91750 Telephone: 909.971.9100
 Information: Operations@cordell.net or www.cordell.com