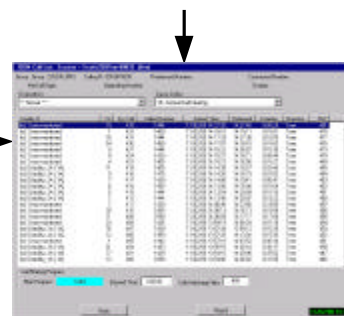


Call List

The Call List displays all calls that are qualified by the filter selection made in the Call Selection Screen. Each call is listed along with its channel, Call Number, Calling Number, Seized and Released times, Call Duration and CRV. Nortel and AT&T protocol information elements (Redirected Number, Originating Number, Connected Number and Display information) are also displayed if present

Use the Call Filter screen to filter out calls or as a guide to determine which calls to analyze. Click on the Call List button to view the selected calls.

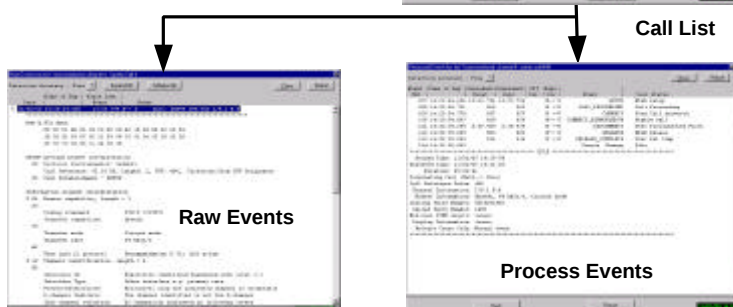


Process Events

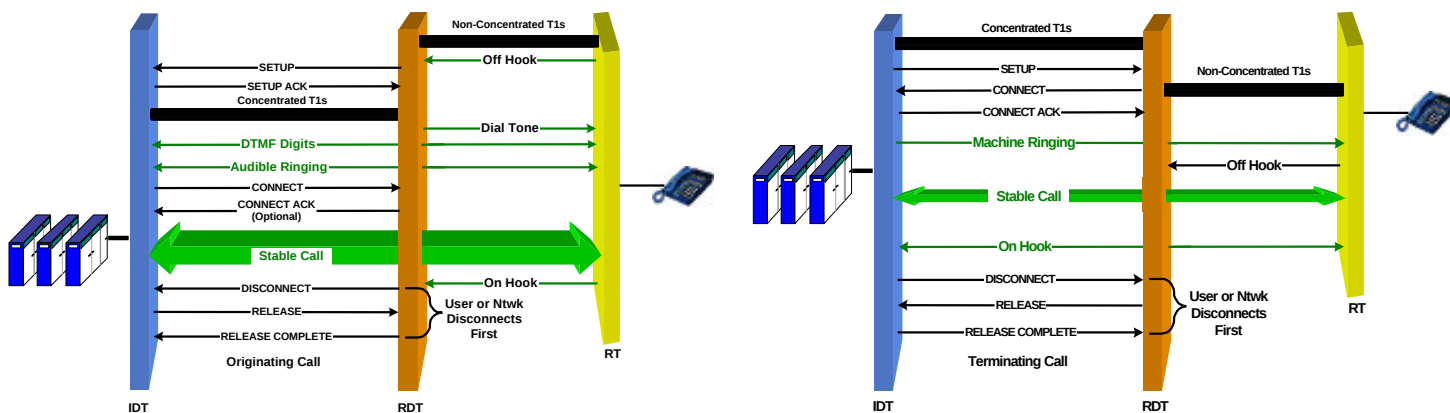
The Process Events Browser allows you see all the ISDN message events. Call status descriptions and call statistics are also displayed. Right click a call in the Call List to select Processed or Raw Events.

Raw Events

The Raw Events Browser shows all messages evolved in establishing and terminating a call. No event analysis is presented, however you can view the ISDN message decode by clicking on the "+" icon to the left of the message.



GR303 Timeslot Maintenance Channel (TMC)



The GR303 option allows the user to monitor Timeslot Maintenance Channel (TMC) or Common Signaling Channel (CSC) GR303 systems and provides the following..

Automatic Non-Concentrated T1 facility detection for non-monitored T1s
Advanced TMC/CSC Call Processor capable of identifying over 100 call performance and trouble conditions. and GR303 Network and User Timer tracking
Supports Lucent MSDT, Nortel AccessNode, Fibex M5, Vina and CAC message decode and call handling analysis

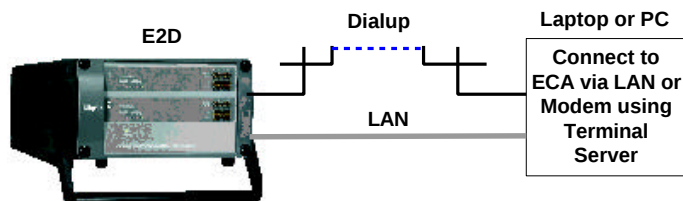
Session Export capability allowing users to export session data in smaller size
Session Import allowing users to import compressed session data files and reprocess them
Ellipsys PROFILER Export providing users with calls and Facility data
Advanced Call Filtering capability



E2D

ISDN/GR303

Ellipsys
Expert Call Analyzer
Quick Reference Guide



Detected Facility Monitors screen

This screen verifies that the installed facility monitors (DFMs and AFMs) are visible to the ECA software, allows setting the Input modes for the DFMs, and displays the T1 signal status.

Caution: If the LEDs on this screen are not green, then verify connections before starting a session.

Session Management Screen: Optional settings

Timed Session Restart will automatically end and start a new session at a user defined time setting, keeping the session file size manageable when monitoring heavy traffic.

Facility Group Management

The Facility Group Management screen lets you define and configure a "group" of facilities that make up a ISDN service. In a FAS environment (23 B channels and 1 D channel on a single T1 system), a group will have a single facility.

In an NFAS environment, a group may contain several facilities controlled by a D channel on one of the facilities. (An NFAS environment may also have a backup D channel.)

The usual procedure on this screen is to:

Create a group and assign facilities (T1 systems) to it. As well as monitored facilities, you can assign non-monitored facilities to a group

Setup the group, specifying the D channel and giving interface ID numbers to its facilities.

"Apply" the group to the data being analyzed by the ECA software. You can have more than one group applied to a session.

Once a group is applied, the Facility Group Management screen also displays real time information about signaling on the D channel and the other channels in a group's facilities.

When a group is applied, you can then select it and look at Raw Events or the Call List for the group.

Call Selection

The Call Selection screen displays call statistics and provides 8 different call filters. Over 100 ISDN call dispositions, Network and User troubles and unusual analysis criteria can also be used to filter calls.

Call Filters

Channel
Time and Date
Duration
Digits

CRV
Cause Code
Message Type

Start a Session by :

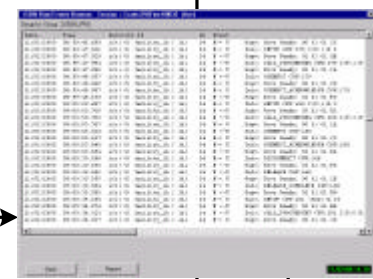
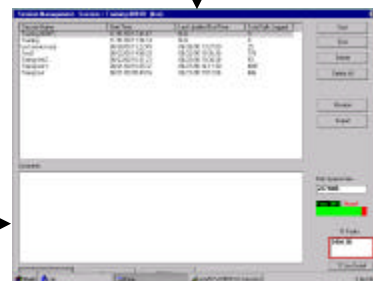
1. Clicking on the start button
2. Enter in a Valid Session Name
3. Clicking the OK button

Create a group and assign facilities (T1 systems) to it.

"Apply" the group to the data being analyzed

To view Raw Events, click on the Raw Events Button.

Use the Call Selection screen to filter out calls or as a guide to determine which calls to analyze. Click on the Call List button to view the selected calls.



Turn Over