



Time Formats

There are several fields throughout the ENlighten/DSM product where you can specify a date/time format. For each of these fields, you can specify the date and/or time period in two ways: absolutely or relatively.

The first is as a static period, where the period entered is the absolute period used in the search. This is the only way to search for a combined date/time format. To look for a file created since May 10, 1996, at 12 noon, you could use the entry: `May 10 96 at 12:00`.

The second is a relative period, where the period entered is set against the current system clock time and then applied during the search. This is strictly a time OR date format, for example, 2 seconds or 1 month. To find users who have been logged in during the last three days, you could use the entry: `3 days`.

Either way, the format is case-insensitive. For example, you could use `JAN`, `Jan`, or `jan` as the abbreviation for the month of January. This appendix shows all the BNF time measurements in initial caps (e.g., `Jan` or `January`, `2 Sec` or `2 Seconds`, etc.).

Some typical uses of the static format in a Date search field are:

Absolute: 15 1996 (defaults to the current month)

Jan 1 97

July 4 (defaults to the current year)

Some additional uses of the absolute format in a Time search field are:

June 15 at 3 PM (defaults to the current year)

June 16 at 2 AM (defaults to the current year)

June 17 96 at 15:31

18 at 9:31:14 AM (defaults to current month AND year)

Some typical uses of the relative format in a Date search field are:

Relative: 1 second

5 Min

1 day

2 weeks

1 Year

The rest of this appendix defines the time formats you can use whenever you fill in a date and/or time field.

Absolute Date/Time BNF

<Absolute Date> = (<Month>) <Day Of Month> (<Year>)
("at" <Time>)

<Month> = <Long Month> | <Abr Month>

<Long Month> = "January" | "February" | "March" | "April" | "May" |
"June" | "July" | "August" | "September" | "October" |
"November" |
"December"

<Abr Month> = "Jan" | "Feb" | "Mar" | "Apr" | "May" | "Jun" | "Jul"
| "Aug" | "Sep" | "Oct" | "Nov" | "Dec"

<Day Of Month> = 1 ... 31

<Year> = 19xx | xx

<Time> = <Hour> (":"< Minutes>) (":"< Seconds>)

<Hour> = <12 Hour> | <24 Hour>

<12 Hour> = <12 Hours> "AM" | "PM"

<24 Hour> = <24 Hours>

<12 Hours> = 00 ... 00

<24 Hours> = 00 ... 23

<Minutes> = 00 ... 59

<Seconds> = 00 ... 59

Relative Date/Time BNF

<Relative Date> = <N> <Units>

<N> = 1 ... infinity

<Units> = <Seconds> | <Minutes> | <Hours> | <Days> | <Months> |
<Years>

<Seconds> = "Seconds" | "Sec"

<Minutes> = "Minutes" | "Min"

<Hours> = "Hours" | "Hour"

<Days> = "Days" | "Day"

<Weeks> = "Weeks" | "Week"

<Months> = "Months" | "Month"

<Years> = "Years" | "Year"