

# TD - Time Differential

This Natural profile parameter is for:

- Mainframes
- UNIX and Windows

It indicates a time differential to be applied to the Natural time/date setting to ensure that the current local time/date is used, rather than the computer center time/date. This parameter is applicable in an environment in which remote nodes are being used in a computer network.

<b>Possible settings</b>	AUTO	Natural compares the physical (store clock) and logical (system environment) machine times and uses the difference between the two as the setting for the TD parameter. For a time change to take effect for Natural (for example, to change time to summer time or back to winter time), it is therefore sufficient to reset the logical machine time.
	+/-hh (+/-hh,mm) (+/-hh,mm,ss)	Hours, minutes and seconds from (-23,59,59) to (+23,59,59). A plus (optional) or minus sign indicates, whether the TD value is to be added or subtracted.  The specified time is added to / subtracted from the physical machine time to set the time/date to be used by Natural.
	1 to 32 characters	Name of the time zone to be used. This must be defined as a valid time zone in the NTTZ macro of the NATCONFIG module, see Configuration Tables - Module NATCONFIG.
<b>Default setting</b>	0	
<b>Dynamic specification</b>	YES	
<b>Specification within session</b>	NO	

**Examples:**

```
TD=6           (6 hours ahead)
TD=(5,30)     (5 hours and 30 minutes ahead)
TD=(-6,12,30) (6 hours, 12 minutes and 30 seconds behind)
```

**VSE/ESA-Specific Information:**

With VSE-type operating systems, "// ZONE" and "//DATE" JCL statements are honored with TD=AUTO. This can also affect the setting of the profile parameter DD. See also the profile parameters YD and DD.