



Tech Info Library

ISDN: Troubleshooting Using NT-1 Lights (3/96)

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TOPIC -----

This article provides a table to help troubleshoot NT-1 (Network Terminator) issues using the its lights.

DISCUSSION -----

The NT-1 on an ISDN line typically has lights for power, U Loop Back, and S/T&U. These lights can be used to troubleshoot your ISDN line. Below is a table showing varing NT-1 light states:

Begin_Table

Normal Light States

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| Light | State | Reason | Check |
|-------------|-------|-------------------------|-------|
| Power | On | Power is on | N/A |
| U Loop Back | Off | Line isn't being tested | N/A |
| S/T&U | Off | Line is ready for use | N/A |

Other Light States

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| Light | State | Reason | Check |
|-------------|------------------------------------|-------------------------------------------------------|------------------------------------------------------------------------------|
| Power | Off | There is no AC power | Power cord, AC wall jack. |
| U Loop Back | On/blinking | Line is being tested | Contact local phone company to see if line is actually being tested. |
| S/T&U | Fast blinking (many blinks/sec) | Line is attempting to communicate with central office | If light then goes out, the line is ready to be used. If the light stays on, |

then check both cables coming out of the NT-1. If the problem continues, contact your phone company.

| | | | |
|-------|-----------------------------|--------------------------------|-------------------------------------------------|
| S/T&U | On steady | Line is not hooked up properly | Check cable going from wall jack to the NT-1. |
| S/T&U | Slow blinking (1 blink/sec) | Line is not hooked up properly | Check cable going from NT-1 to the ISDN device. |

End_Table

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