

# Release Notes for TE100 16.18.0.X

====Firmware Version: V16.18.0.6=====

Applicable Model: TE100

Release Date: November 10, 2017

**Important Note:**

If your TE gateway is set up in an external network, upgrade to this new version to ensure that your TE gateway works stably.

## 1. Optimization

1. Improved call quality and stability when the TE gateway is set up in an external network.
2. Optimized the system memory and improved the system stability.

## 2. Bug Fixes

3. Fixed the issue that DNS could not work occasionally.

====Firmware Version: V16.18.0.2=====

Applicable Model: NeoGate TE100

Release Date: October 25th, 2014

## 1. New Features

1. Added support for uploading custom prompts to NeoGate TE.
2. Added support for E&M signaling.

## 2. Bug Fixes

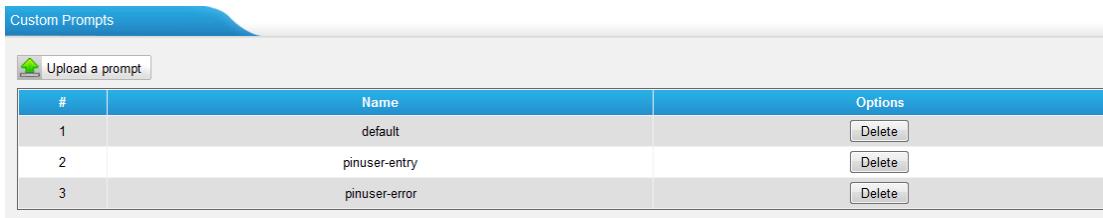
1. Fixed the issue that DID could not work if DID numbers were configured on multiple routes.
2. Fixed the issue that calls would fail if "Inbound Caller ID" on route page was set to null.
3. No special character is limited for Password setting on VoIP trunk page.
4. The length of "User Name" and "Authorization Name" is limited to 64 characters. Previously, it was limited to 32 characters.
5. Fixed the issue that a call would be transferred if # or \*3 was pressed during the call.

## 3. Instruction (New Features)

### 1. Added support for uploading custom prompts to NeoGate TE.

**Path:** Gateway→Audio Settings→Custom Prompts

**Instruction:**



#	Name	Options
1	default	<input type="button" value="Delete"/>
2	pinuser-entry	<input type="button" value="Delete"/>
3	pinuser-error	<input type="button" value="Delete"/>

### 2. Added support for E&M signaling.

**Path:** Gateway→Digital Trunk→E1/T1

**Instruction:**

Edit Digital Trunk E1Trunk1 X

General Settings	
Mode Type: E1	Signaling: PRI
Linecoding: HDB3	Codec: PRI
Echo Cancellation: On	Framing: SS7
E&M	
PRI Basic option	
Switch Type: national	Switch Side: User
PRI Advanced option	
Enable Facility: Enabled	Overlap Dial: Disable
Reset Interval: 3600 s	PRI Indication: Inband
Remote Dialplan: unknown	Remote Number Type: unknown
Location Dialplan: ISDN/telepho	Location Number Type: national
Screen Indicator: User-provided	Presentation Indicator: allowed
Nsf: none	

====Firmware Version: V16.18.0.1=====

Applicable Model: NeoGate TE100

Release Date: July 11th, 2014

## 1. New Features

1. Updated new logo on Web GUI.
2. Added channel status for E1 trunk.
3. Added "Packet Capture Tool" on "System Log" page.
4. Added T.38 FAX feature.

## 2. Bug Fixes

1. Fixed the issue that incoming call to TE100 with blank caller ID would fail.
2. Fixed the issue that PPPoE could not obtain the DNS server IP address.
3. Fixed the issue that TE100 would responded "200OK" even if the outgoing call through TE100 failed, in which case an error SIP code, like 486,503 etc should be returned.
4. Fixed the issue that "Caller ID" field couldn't be set to null on "VoIP Trunk" Advanced Settings page.
5. Fixed the issue that DOD settings on E1/T1 trunk could not take effect.
6. Fixed the issue that the length of "Hostname/IP" on VoIP Trunk edit page was not enough; the length now is now up to 64 bytes.
7. Fixed the issue that the account/ Authorization Name on VoIP Trunk would be invoked as DID number if no DID number had been set on "SIP TO E1" Route, which made it a failure to route the call out through TE100.
8. Fixed the issue that SRTP message would be sent out even if it was disabled on the VoIP Trunk which was registered on TE100 by Account Mode.

## 3. Instruction (New Features)

### 1. Updated new logo on Web GUI.

**Instruction:**



Figure 1 New Logo

## 2. Added channel status for E1 trunk.

**Path:** Status→System Status→E1/T1 Status

**Instruction:**

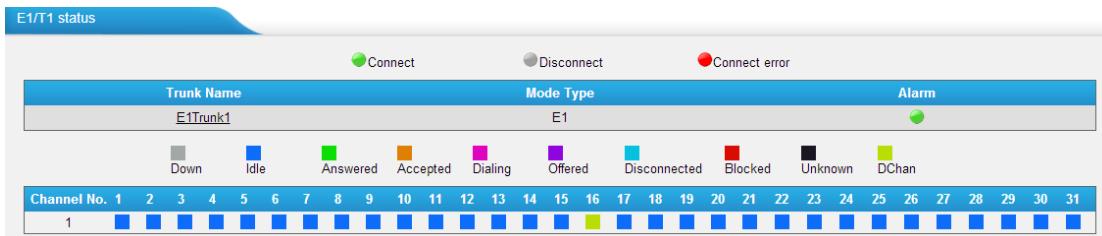


Figure 2 E1/T1 Status

### E1 Trunk

Status	Comment
● (green)	Connected successfully; data stream on the trunk is normal; but the trunk may not work if there is something wrong with the E1 trunk communication protocol.
○ (grey)	E1 line has been connected to the port; PRI is in corresponding or can't communicate.
● (red)	The port doesn't have E1 line connected.

### Status of each channel of the E1 trunk:

Status	Comment
■ (grey)	Down
■ (blue)	Idle
■ (green)	Answered
■ (orange)	Accepted
■ (magenta)	Dialing
■ (purple)	Offered
■ (cyan)	Disconnected
■ (red)	Blocked
■ (black)	Unknown
■ (yellow)	DChan

## 3. Added "Packet Capture Tool" on "System Log" page.

**Path:** System→Reports→System Logs

**Instruction:**

This feature is used to capture packets for technician. Packet capture tool "Wireshark" is integrated in NeoGate TE100. Users also could specify the destination IP address and port to get the packets.



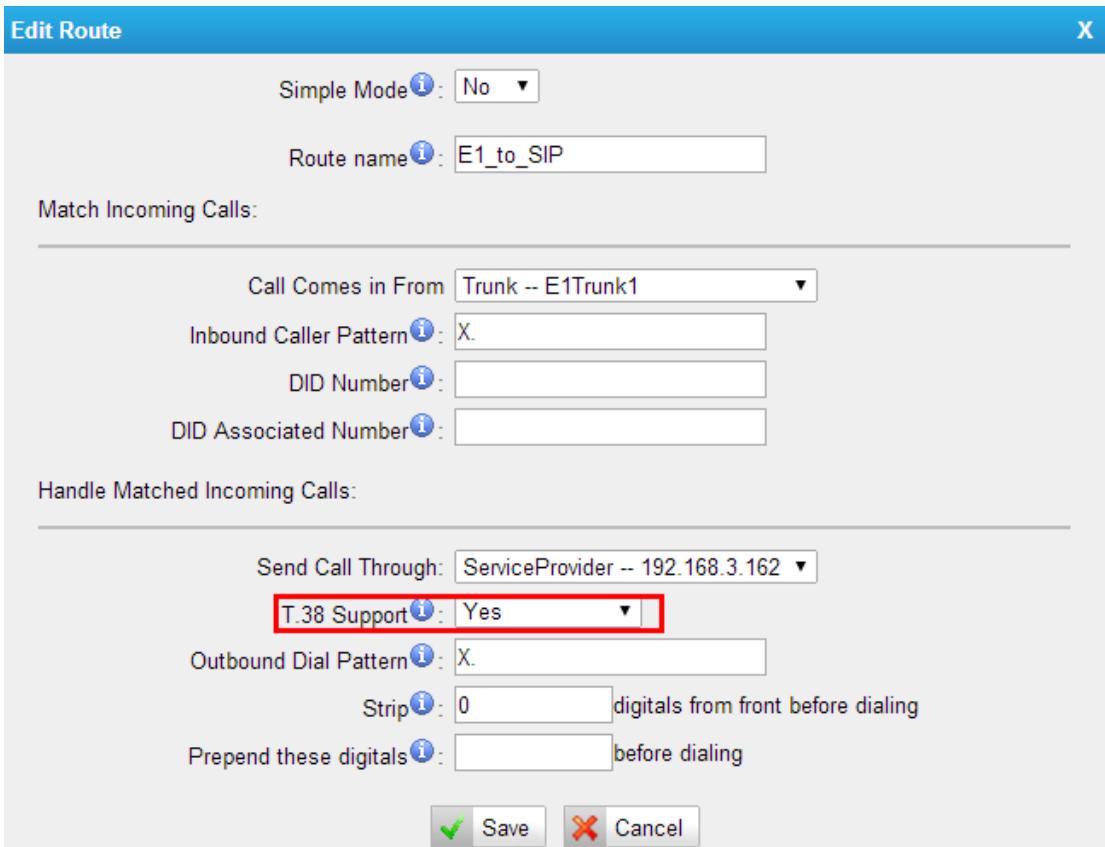
Figure 3 Packet Capture Tool

#### 4. Added T.38 FAX feature.

**Path:** Gateway→Routes Settings→Routes List

**Instruction:**

T.38 FAX can be enabled on route setting page.



Simple Mode i: No

Route name i: E1\_to\_SIP

Match Incoming Calls:

Call Comes in From: Trunk -- E1Trunk1

Inbound Caller Pattern i: X.

DID Number i:

DID Associated Number i:

Handle Matched Incoming Calls:

Send Call Through: ServiceProvider -- 192.168.3.162

T.38 Support i: Yes

Outbound Dial Pattern i: X.

Strip i: 0 digits from front before dialing

Prepend these digits i: before dialing

Save Cancel

Figure 4 Enable T.38 FAX

**Path:** Gateway→VoIP Settings→SIP Settings

**Instruction:**

Settings on this page are for the purpose of improving receiving and sending of T.38 FAX.

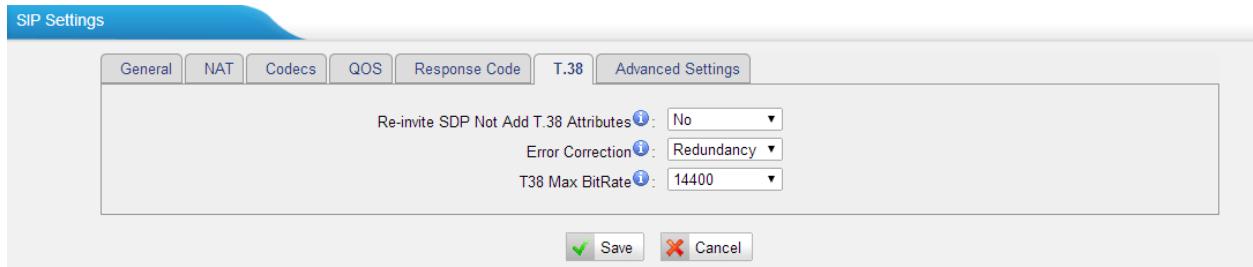


Figure 5 T.38 Settings

[End]