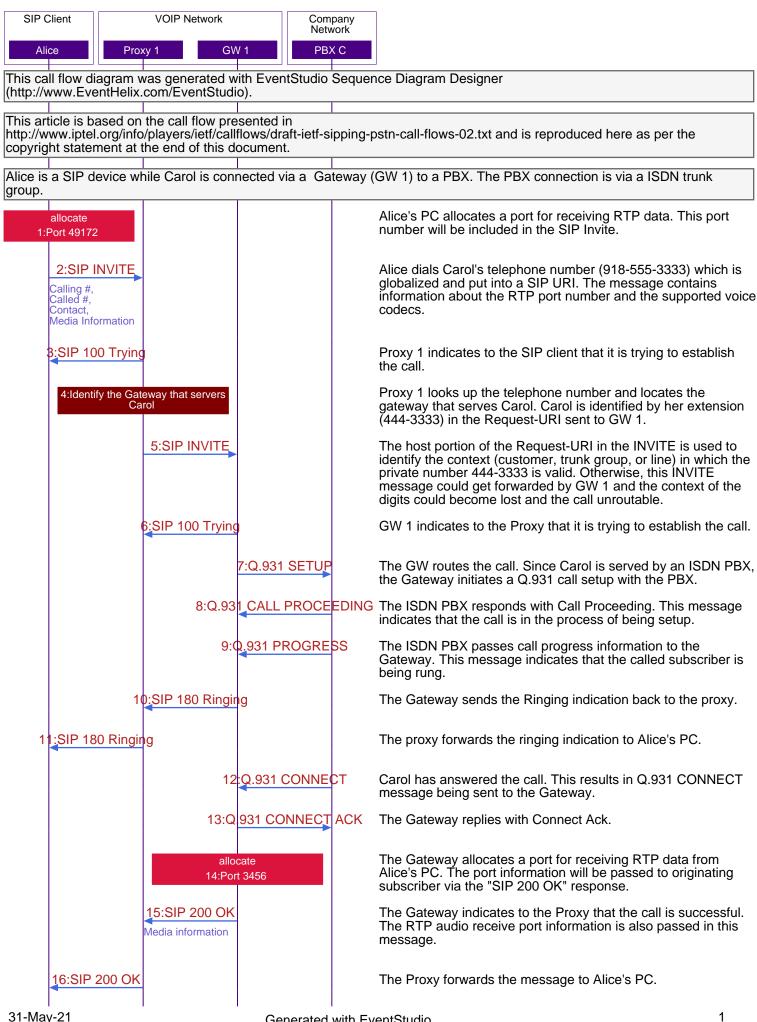
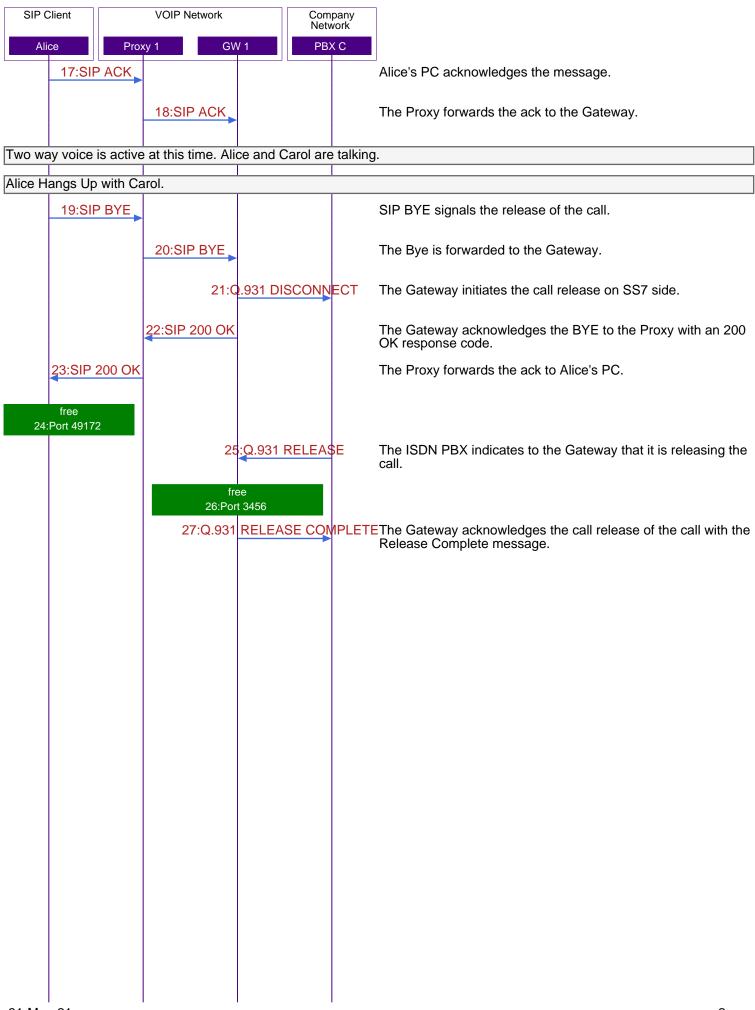
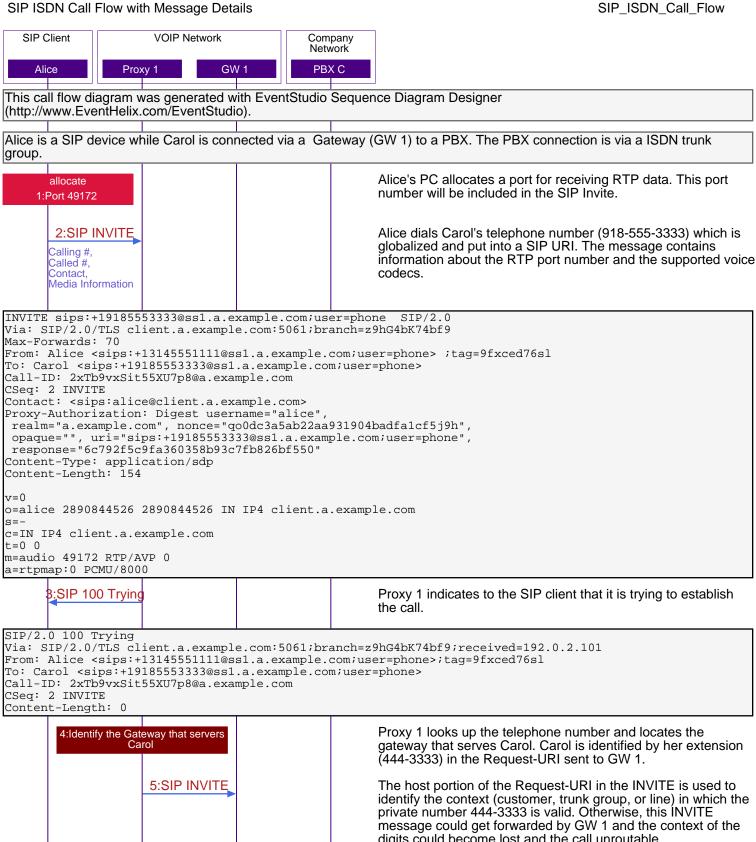
SIP ISDN Call Flow SIP_ISDN_Call_Flow

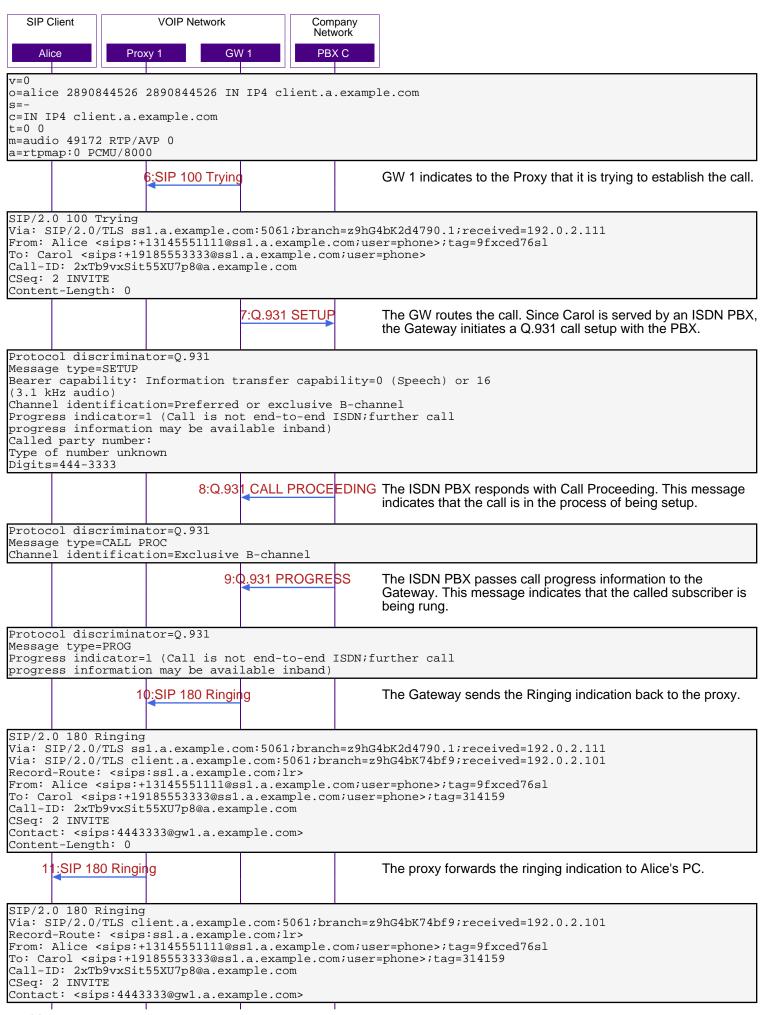


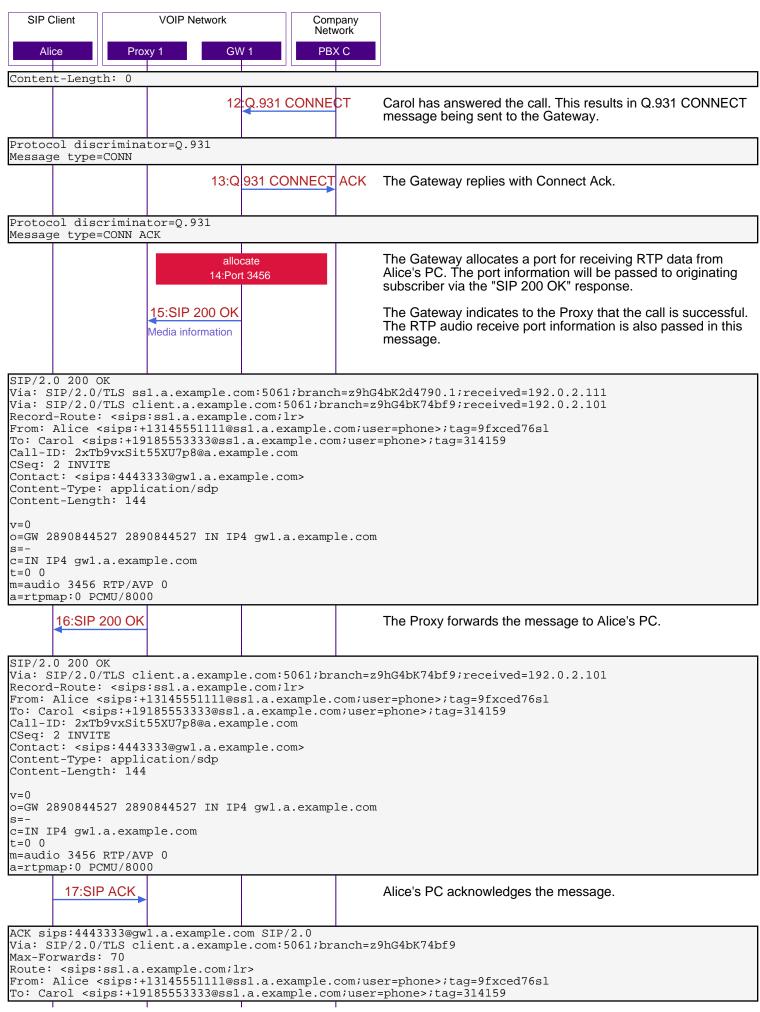




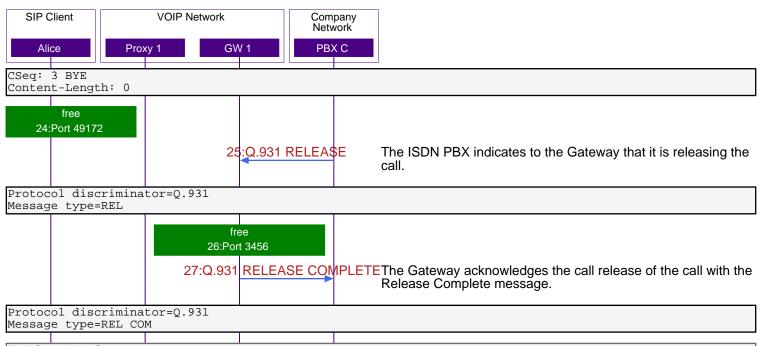
digits could become lost and the call unroutable.

```
INVITE sips:4443333@gwl.a.example.com SIP/2.0
Via: SIP/2.0/TLS ss1.a.example.com:5061;branch=z9hG4bK2d4790.1
Via: SIP/2.0/TLS client.a.example.com:5061;branch=z9hG4bK74bf9;received=192.0.2.101
Max-Forwards: 69
Record-Route: <sips:ssl.a.example.com;lr>
From: Alice <sips:+13145551111@ss1.a.example.com;user=phone>;tag=9fxced76sl
To: Carol <sips:+19185553333@ss1.a.example.com;user=phone>
Call-ID: 2xTb9vxSit55XU7p8@a.example.com
CSeq: 2 INVITE
Contact: <sips:alice@client.a.example.com>
Content-Type: application/sdp
Content-Length: 154
```





```
SIP Client
                     VOIP Network
                                            Company
                                            Network
                 Proxy 1
                               GW 1
                                             PBX C
    Alice
Call-ID: 2xTb9vxSit55XU7p8@a.example.com
CSeq: 2 ACK
Content-Length: 0
                      18:SIP ACK
                                                      The Proxy forwards the ack to the Gateway.
ACK sips:4443333@gwl.a.example.com SIP/2.0
Via: SIP/2.0/TLS ss1.a.example.com:5061;branch=z9hG4bK2d4790.1
Via: SIP/2.0/TLS client.a.example.com:5061;branch=z9hG4bK74bf9;received=192.0.2.101
Max-Forwards: 69
From: Alice <sips:+13145551111@ss1.a.example.com;user=phone>;tag=9fxced76sl
To: Carol <sips:+19185553333@ssl.a.example.com;user=phone>;taq=314159
Call-ID: 2xTb9vxSit55XU7p8@a.example.com
CSeq: 2 ACK
Content-Length: 0
Two way voice is active at this time. Alice and Carol are talking.
Alice Hangs Up with Carol.
        19:SIP BYE
                                                      SIP BYE signals the release of the call.
BYE sips:4443333@gwl.a.example.com SIP/2.0
Via: SIP/2.0/TLS client.a.example.com:5061;branch=z9hG4bK74bf9
Max-Forwards: 70
Route: <sips:ssl.a.example.com;lr>
From: Alice <sips:+13145551111@ss1.a.example.com;user=phone>;tag=9fxced76sl
To: Carol <sips:+19185553333@ss1.a.example.com;user=phone>;tag=314159
Call-ID: 2xTb9vxSit55XU7p8@a.example.com
CSeq: 3 BYE
Content-Length: 0
                     20:SIP BYE
                                                      The Bye is forwarded to the Gateway.
BYE sips:4443333@gwl.a.example.com SIP/2.0
Via: SIP/2.0/TLS ss1.a.example.com:5061;branch=z9hG4bK2d4790.1
Via: SIP/2.0/TLS client.a.example.com:5061;branch=z9hG4bK74bf9;received=192.0.2.101
Max-Forwards: 69
From: Alice <sips:+13145551111@ssl.a.example.com;user=phone>;tag=9fxced76sl
To: Carol <sips:+19185553333@ss1.a.example.com;user=phone>;tag=314159
Call-ID: 2xTb9vxSit55XU7p8@a.example.com
CSeq: 3 BYE
Content-Length: 0
                              21:Q.931 DISCONNECT
                                                      The Gateway initiates the call release on SS7 side.
Protocol discriminator=Q.931
Message type=DISC
Cause=16 (Normal clearing)
                    22:SIP 200 OK
                                                      The Gateway acknowledges the BYE to the Proxy with an 200
                                                      OK response code.
SIP/2.0 200 OK
Via: SIP/2.0/TLS ss1.a.example.com:5061;branch=z9hG4bK2d4790.1;received=192.0.2.111
Via: SIP/2.0/TLS client.a.example.com:5061;branch=z9hG4bK74bf9;received=192.0.2.101
From: Alice <sips:+13145551111@ss1.a.example.com;user=phone>;tag=9fxced76sl
To: Carol <sips:+19185553333@ss1.a.example.com;user=phone>;tag=314159
Call-ID: 2xTb9vxSit55XU7p8@a.example.com
CSeq: 3 BYE
Content-Length: 0
       23:SIP 200 OK
                                                      The Proxy forwards the ack to Alice's PC.
SIP/2.0 200 OK
Via: SIP/2.0/TLS client.a.example.com:5061;branch=z9hG4bK74bf9;received=192.0.2.101
From: Alice <sips:+13145551111@ss1.a.example.com;user=phone>;tag=9fxced76sl
To: Carol <sips:+19185553333@ss1.a.example.com;user=phone>;tag=314159
Call-ID: 2xTb9vxSit55XU7p8@a.example.com
```



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