



Cisco BTS 10200 Softswitch Emergency Call Display Feature Module

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This document describes the Emergency Call Display feature for Release 6.0 of the Cisco BTS 10200 Softswitch and explains how to use it.

Understanding the Emergency Call Display Feature

The Display Emergency Calls feature will provide a command line interface (CLI) command to display the count of all on-going emergency calls based on the call-type and trunk group. A **query call-count** command will display count of 911 on-going calls in the Cisco BTS 10200 system, based on call type and trunk groups designated as 911 trunk groups. The **query call-count** command is defined as follows:

```
query call-count call-type=emergency [emergency|police|ambulance|fire|all-emergency|all];  
[tgn-id=xxxx]; [tg=an alphanumeric description of TG]
```

The call-type token is mandatory and can take values emergency, police, ambulance, fire, all-emergency, and all. The tgn-id and tg tokens are optional and if specified the call-count will be provided for the specified trunk group (TG) only. When the tgn-id and tg tokens are provided as part of command, they should be consistent for the same trunk group. If they are inconsistent, a failure message is displayed as output. When the tgn-id and tg is specified, the call count will include both in-bound and out-bound calls on the specified TG for the specified call-type.



Note

In the call counts, the Cisco BTS 10200 includes all calls regardless of whether a call is answered or in the setup phase (transient or active).

The call-type emergency is defined as a 911 call in the United States. The call-types police, fire, and ambulance may not be applicable in United States, but the command has these options and output report will support these call types.



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In a **query call-count** command execution, when emergency is specified in call-type field, the command response will display count for only call-type as emergency (EMG). In a **query call-count** command execution, when all-emergency is specified in call-type field, the command response will display counts for all emergency calls (emergency (911), police, fire and ambulance). In a **query call-count** command execution, when all is specified in call-type field, the command response will display counts for all active calls in the system. In a **query call-count** command execution, if tgn-id and tg (optional parameters) are also specified along with call type, then the call-count will be provided for that TG only in the command response. In a **query call-count** command execution, if the tgn-id and tg that are specified are invalid or inconsistent, the following error message will be displayed:

```
Invalid TGN ID: xxxx
Invalid TG: [an alphanumeric description of TG]
```

In overload conditions, the **query call-count** command will be blocked.

Command examples:

The following are the CLI interface examples for different **query call-count** command scenarios.

Scenario 1:

```
CLI> query call-count call-type=emergency;
```

```
Response:
10 calls of Call-type Emergency.
```

Scenario 2:

```
CLI> query call-count call-type=all-emergency; tgn-id=123;
```

```
Response:
10 calls of Call-type Emergency on tgn-id=123.
```

Scenario 3:

```
CLI> query call-count call-type=police;
```

```
Response:
10 calls of Call-type Police.
```

Scenario 4:

```
CLI> query call-count call-type=all-emergency;
```

```
Response:
10 calls of Call-type Emergency.
5 calls of Call-type Police.
1 calls of Call-Type Ambulance.
```

```
16 Total Emergency calls.
```

Scenario 5:

```
CLI> query call-count call-type=all;
```

```
Response:
2600 calls of Call-type All.
```

Scenario 6:

```
CLI> query call-count call-type=all; tgn-id=234;
```

```
Response:
614 calls of Call-type All on tgn-id = 234.
```

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