

TRIMBLE NTRIP CASTER APP TECHNICAL NOTES



The Trimble® Networked Transport of RTCM via Internet Protocol (NTRIP) Caster App is designed to create and manage NTRIP casters for streaming services as well as to provide a view of current and historical login access. The Trimble NTRIP Caster App operates on the Trimble Pivot™ platform, the foundation for multiple Infrastructure apps that serve various markets and their specific needs.

TRIMBLE NTRIP CASTER APP

Network streams are provided through the Trimble NTRIP Caster App. In most installations, the Trimble NTRIP Caster App is used to distribute Real Time Kinematic (RTK) corrections in one or more formats, but it may also be configured to distribute GNSS data streams for use by other network operators or, for example, scientific users who process real-time data using custom applications in support of their research.

For each streaming service, the Trimble NTRIP Caster App provides a single portal for any number of users and supports both NTRIP 1.0 and NTRIP 2.0 compliant clients. Services are typically configured to require login credentials for secure access, but open services are also possible.

The Trimble NTRIP Caster App allows you to create one or more NTRIP mount-points, each associated with a specified stream type. During service operation, a network operator may view currently active logins for all mountpoints, including the login and connect times, along with a history of user access.



Network operator viewing active logins for all mountpoints

TRIMBLE NTRIP CASTER APP STATUS VIEW

The App Status View provides an overview of all NTRIP Caster modules configured in the Pivot Distributed Environment along with the number of mountpoints and connected input sources. In addition, it shows the number of active users and logins and possible failed connection attempts within the last hour.



App Status View on Trimble Pivot platform

ORDER INFORMATION

Default Configuration	Part Number
Trimble NTRIP Caster App	96803-00

Optional Functions*	Part Number
1 additional Trimble NTRIP Caster App user	96803-01
25 additional Trimble NTRIP Caster App Mountpoints	96803-02
NMEA Distributor Support	96803-03
Access Server Support	96803-04

**May be included for an additional charge*

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