### ARRIS

## Touchstone® TG1672 Telephony Gateway User's Guide



Get ready to experience the Internet's express lane! Whether you're checking out streaming media, downloading new software, checking your email, or talking with friends on the phone, the Touchstone TG1672 Telephony Gateway brings it all to you faster and more reliably. All while providing toll quality Voice over IP telephone service and both wired and wireless connectivity. It also provides a Lithium-Ion battery backup to provide continued telephone service during power outages.

The Touchstone Telephony Gateway provides four Ethernet connections for use as the hub of your home/office Local Area Network (LAN). The Telephony Gateway also provides 802.11b/g/n wireless connectivity for enhanced mobility and versatility. In addition, the Telephony Gateway provides for up to two separate lines of telephone service. The Telephony Gateway also offers integrated MoCA 1.1 home networking providing Internet access and transfer of multimedia content between devices over coaxial cable in the home.

Installation is simple and your cable company will provide assistance to you for any special requirements. The links below provide more detailed instructions.

Safety Requirements

Getting Started

Battery Installation and Removal

Installing and Connecting Your Telephony Gateway

Configuring Your Ethernet Connection

Using the Telephony Gateway

Troubleshooting

Glossary

# **Gateway User Guide**

Shasha Hu



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web figure 1 using an automotive alternator as a generator if you obtain two alternators you may use one as a generator and the other as a motor as described in an optional portion of this project the steps needed to prepare an alternator as a three phase generator and as a three phase motor are the same making the process easy to replicate

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these are considerably more advanced and as part of the fail safe circuit offer the ability to diagnose and describe potential problems

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web the alternator comprises a cooling fan voltage regulator rotor stator diode bridge rectifier slip rings slip ring end bearings carbon brushes pulley the rotor and stator are the central units for electricity generation while the rectifier helps in converting ac to dc

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