

***TekRADIUS SP***

**Rate Editor  
Installation & Configuration Guide  
Version 4.0**

## Document Revision 7.6

<http://www.tekradius.com/>

TekRADIUS is built by Yasin KAPLAN

**Read “Readme.txt” for last minute changes and updates which can be found under application directory.**

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*Yasin KAPLAN reserves the right to revise this document and make changes at any time without prior notice. Specifications contained in this document are subject to change without notice. Please send your comments by email to [info@tekradius.com](mailto:info@tekradius.com).*

*TekRADIUS contains code derived from the RSA Data Security, Inc. MD4 Message-Digest Algorithm.*

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## TekRADIUS Service Provider (SP) Edition

VoIP Billing feature supported only by SP Edition. Requirements for SP edition:

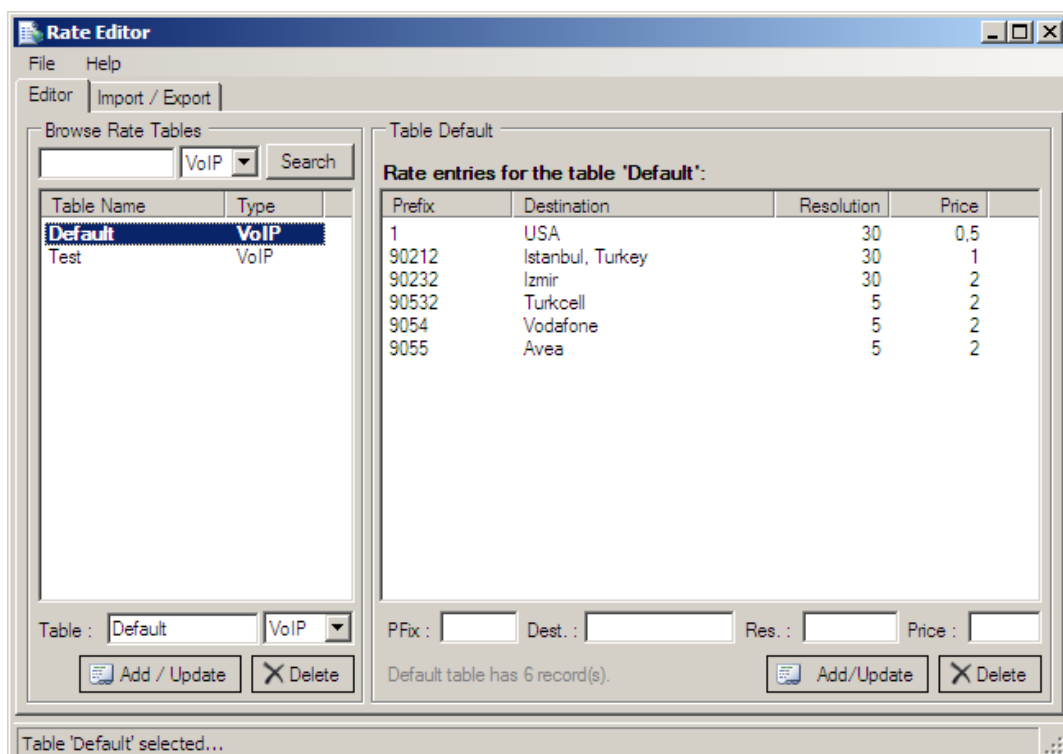
- **Vendor:** Supported RADIUS Vendors are Cisco, Quintum and Epygi. (*Your Access Server is not needed to be one of these vendors, most VoIP vendors support Cisco VoIP attributes*).
- **RADIUS Attributes:** There must be Cisco, Quintum or Epygi VSA 24 (H323-Conf-Id) found in RADIUS Authentication and Accounting request packets in order TekRADIUS to assume that incoming packet belongs to a VoIP session. Accounting made based on “originate” call leg (VSA 26).
- **TekRADIUS Configuration:** VoIP Billing must be enabled in order TekRADIUS to process incoming RADIUS packets belong to VoIP sessions. You can enable VoIP Billing using TekRADIUS Manager; check Settings / Service Parameters / Accounting / VoIP Billing Enabled option.

You must have “Rates” SQL table under TekRADIUS database with at least “Default” Rate table. You can use TekRADIUS Rate Editor to create “Rates” SQL table and its entries. Use User-Credit (*Add as a check attribute in user profiles*) attribute to assign credits to VoIP users in TekRADIUS.

### TekRADIUS Rate Editor

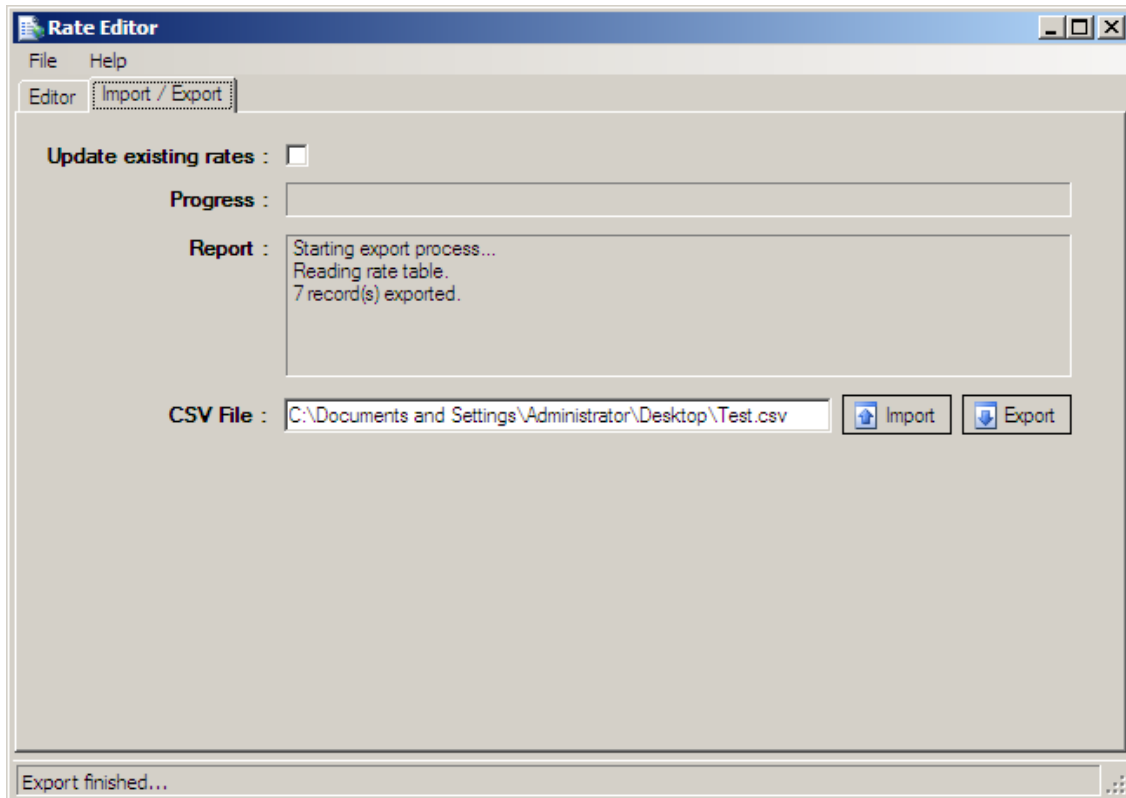
TekRADIUS Rate Editor is used to create rate tables for VoIP services. TekRADIUS must be installed prior to installation of Rate Editor. Rate Editor reads settings of TekRADIUS to access TekRADIUS database.

Rate Editor checks if “Rate” table exists in TekRADIUS database at first run. If not, Rate Editor automatically creates “Rate” table.



You can create rate tables either manually or using Import function. Each rate table must have its own unique name. You can define prefix based rates after creating a rate list group.

Every rate entry has four fields; Prefix, a description for the Destination, Billing Period (*Resolution*) and Price for the billing period.



Rate Editor can import text files having rate entries. Every line must contain for fields separated with semi-colons (*Table;Prefix;Destination;Resolotion;Price*). Here is a sample of import file;

```
Default;1;USA;30;0.5;VoIP
Default;90212;Istanbul, Turkey;30;1;VoIP
Default;90532;Turkcell;5;2;VoIP
Default;9054;Vodafone;5;2;VoIP
Default;9055;Avea;5;2;VoIP
Default;90232;Izmir;30;2;VoIP
Test;90;Turkey, PSTN;1;1;VoIP
```

Click [Import] button at “Import/Export” tab to import a rate file. If you do not check “Update existing rates” option, Rate Editor will skip importing new entry if an existing rate entry found. You can also export rate entries in the database by clicking [Export] button.