

**Tru'Auth** is a proven, scalable, highly reliable and flexible AAA and provisioning system to meet the requirements of the most demanding and diverse operating environments. It enables Telcos, ISPs and Service Providers to roll out new and innovative services on their WiFi, mobile and broadband (xDSL/cable) networks.



## Standard Features

### Template-based Account Type Definitions

- Time-limited account
- Volume-limited account
- Time-and-Volume-limited account
- Automatic relogin of valid sessions

### Provisioning Capability

- Diameter PCRF
- Web-based Application Programming Interface (API)
- Short Message System (SMS) One-time Password (OTP)
- Account generation via Account Receipt Printer
- IP Pool Management

### Authentication Protocols

- PAP, CHAP, MS-CHAP, MS-CHAPv2
- EAP (SIM, AKA, TLS, TTLS, PAP, PEAP)
- MAC-based authentication
- Simulation of HLR for EAP-SIM authentication
- Customizable authorization methods

### Performance

- Up to 1,000 TPS Radius messages
- Up to 1,000,000 active login sessions
- Up to 2,000,000 local subscriber accounts

### Logs and Reports

- Accounting logs (searchable)
- Online user listing (searchable)
- Listing of failed login attempts
- IMSI to TIMSI to MSISDN mapping for reporting

### Proxy

- AAA Radius Proxy
- iPass / WISPr support
- Quota management for proxied authentication
- Centralized accounting for clearinghouse capability

### Administration

- Secure web-based administration
- Command line interface

### Reliability

- High availability (automated failover with session synchronization)
- System snapshot backup and restore
- Web-based patch management

### RFC Compliance

- RFC 2865 Remote Authentication Dial In User Service (RADIUS)
- RFC 2866 RADIUS Accounting
- RFC 2869 RADIUS Extensions
- RFC 2619 RADIUS Authentication Server MIB
- RFC 2621 RADIUS Accounting Server MIB
- RFC 1227 SNMP MUX Protocol and MIB
- RFC 2868 RADIUS Attributes for Tunnel Protocol Support (TPS)
- RFC 2867 RADIUS Accounting Modifications for TPS

### Related Systems

- Tru'Auth Central Management System (CMS)
- Tru'Auth Application Delivery Controller (ADC)
- Tru'Auth Message Application Part Gateway (MAP)\*
- Tru'Auth Access Controller (AC)\*

*\*Refer to separate datasheet*

## Specifications

| Model                      | Tru'Auth RADIUS  |   |   |
|----------------------------|--|---|---|
|                            | 3100   | 3200                                      | 3300                                      |
| Subscribers                | 100K   | 500K                                      | 2M  |
| Login Subscriber Sessions* | 50K  | 250K                                      | 1M  |
| TPS*                       | 100  | 500                                       | 1000                                      |
| DB Records (Searchable)    | 500K   | 2.5M                                      | 10M                                       |
| CDR Logs                   | 100M   | 200M                                      | 500M                                      |
| Supported NIC Interfaces   | 10/100/1000BaseT   |   |   |
| Network Interfaces         | 2 x Service Port (bonded)<br>2 x HA Port (bonded)  |   |   |
| Power Supply               | Redundant 350W   | Redundant 750W                            | Redundant 750W                            |
| Nett Weight                | 11.8 KG  | 16 KG                                     | 22.5 KG                                   |
| Dimensions                 | 1U<br>482.4 (W) x 612.6 (D) x 42.4 (H) mm  | 2U<br>436.6 (W) x 610.2 (D) x 86.4 (H) mm | 2U<br>436.6 (W) x 610.2 (D) x 86.4 (H) mm |
| Remote Management          | 1 x Network Remote Management KVM Port   |   |   |
| Certifications             | SCC, CNCA or CCC, CE, TUV, IECCE CB, KSA ICCP, NRCS, BSMI, NRTL, ACMA or C-Tick, ICES, VCCI, GS, GOST, SABS, KCC, FCC, ICT |   |   |

\*CMS Required.

## Tru'Auth Related Systems

| Model                     | Tru'Auth CMS   |   | Tru'Auth MAP                              | Tru'Auth ADC                              |
|---------------------------|--|---|---|---|
|                           | 3200   | 3300                                      | 3200                                      | 3200                                      |
| Login Subscriber Sessions | x2   | x2  |   |   |
| TPS                       | x2   | x2  | 500                                       | 50K                                       |
| DB Records (Searchable)   | 100M   | 1B  |   |   |
| CDR Logs                  | 1.5B   | 4.5B                                      |   |   |
| Supported NIC Interfaces  | 10/100/1000BaseT   |   |   |   |
| Network Interfaces        | 2 x Service Port (bonded)<br>2 x HA Port (bonded)  |   |   |   |
| Power Supply              | Redundant 750W   | Redundant 350W                            | Redundant 350W                            | Redundant 350W                            |
| Nett Weight               | 16 KG  | 11.8 KG                                   | 11.8 KG                                   | 11.8 KG                                   |
| Dimensions                | 2U<br>436.6 (W) x 610.2 (D) x 86.4 (H) mm  | 1U<br>482.4 (W) x 612.6 (D) x 42.4 (H) mm | 1U<br>482.4 (W) x 612.6 (D) x 42.4 (H) mm | 1U<br>482.4 (W) x 612.6 (D) x 42.4 (H) mm |
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All specifications are subject to change.