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# MVTS Pro

## Administrator Training Program



## **1. MVTS Pro Overview**

- 1.1. System capabilities
- 1.2. Components: Traffic Switch and Traffic manager
- 1.3. Hardware and software requirements
- 1.4. Redundancy scheme

## **2. Traffic Switch**

- 2.1. TS nodes
- 2.2. SS7 Specification
- 2.3. Call flow
- 2.4. IP Zones and locations
- 2.5. TS distribution and balancing
- 2.6. TS redundancy
- 2.7. TS console
- 2.8. Troubleshooting

## **3. Traffic Manager**

- 3.1. TM function
- 3.2. MySQL Database
- 3.3. TM replication
- 3.4. Web interface capabilities
- 3.5. TS management
  
- 3.6. Call processing
  - 3.6.1. Call authorization
  - 3.6.2. Call routing
  
- 3.7. Basic System settings
  - 3.7.1. Customer/ Vendor equipment
  - 3.7.2. Network Zones
  - 3.7.3. Pre-routing number translations
  - 3.7.4. Dialpeers
  - 3.7.5. CDRs



### 3.8. Advanced settings

- 3.8.1. Advanced equipment setting
- 3.8.2. RAS and SIP registrations
- 3.8.3. Codec groups
- 3.8.4. Disconnect codes
- 3.8.5. Calling party categories
- 3.8.6. Real-time statistics, reporting and charts

### 3.9. Routing features

- 3.9.1. Routing Group
- 3.9.2. Number Translations
- 3.9.3. Radius interaction
- 3.9.4. Routing policy
- 3.9.5. Looking Ahead Routing
- 3.9.6. Call simulation
- 3.9.7. ENUM

### 3.10. Additional features

- 3.10.1. CDR export
- 3.10.2. User roles
- 3.10.3. Global settings
- 3.10.4. Logs

## 4. Billing features

- 4.1. Offline billing (based on CDRs export)
- 4.2. Online billing and RADIUS support

## 5. Practice

- 5.1. Test call demonstration
- 5.2. Troubleshooting

**Training duration: 2 days**

To make the training more efficient, please notify in advance if you have any additional questions about MVTs Pro functionalities or specific configuration scenarios.