

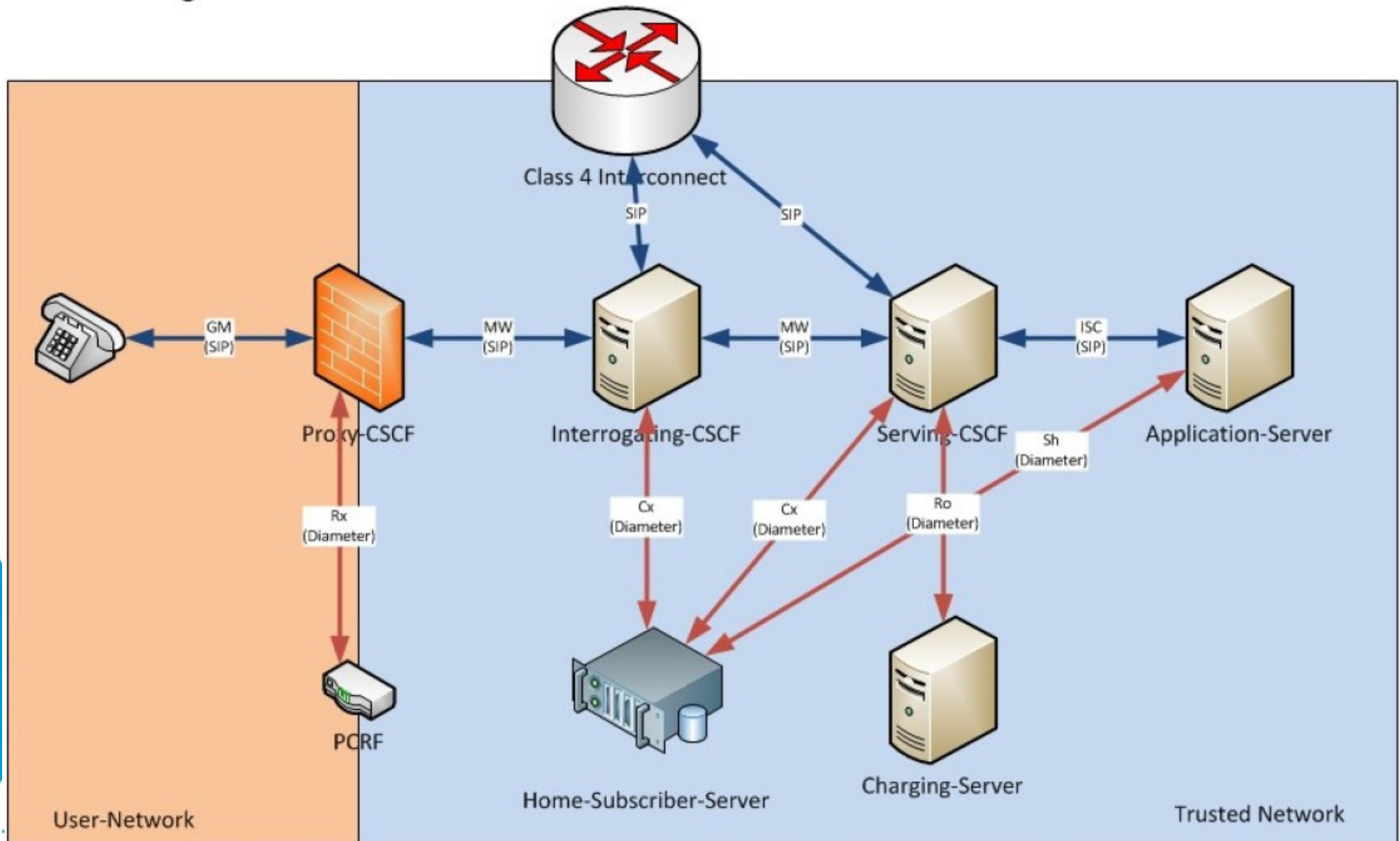
# Workshop: Setup of IMS on Kamailio



# Today's schedule

- Basic IMS Infrastructure overview
- Some Background on IMS on Kamailio
- Live-Installation of the network components
  - Proxy-CSCF
  - Interrogating-CSCF
  - Serving-CSCF
  - Fraunhofer's OpenHSS (FhoSS)
- Walkthrough of HSS-Webinterface

# Basic IMS Infrastructure overview



# Background on IMS on Kamailio

- Based on Fraunhofer's OpenIMS-Core
- Highly optimized for performance
- All components for Testbeds available as OpenSource
- Involved parties:
  - Ng-voice GmbH (my company ;-)
  - Smile Telecoms (South Africa)
  - Orange (France)

⇒ Will soon be used for a real  
IMS-based mobile network!



# Basic Installation (on Debian)

**Add our repository:**

```
wget -O - http://repository.ng-voice.com/PublicKey | apt-key add -  
echo "deb http://repository.ng-voice.com wheezy ims rtpproxy floss" >  
/etc/apt/sources.list.d/kamailio-ims.list
```

**Install some packages:**

```
apt-get install kamailio kamailio-ims-modules kamailio-presence-modules  
kamailio-tls-modules kamailio-xml-modules kamailio-xmlrpc-modules  
ngcp-mediaproxy-ng openimscore-floss oracle-java7-installer
```

(as documented here: <http://www.kamailio.org/wiki/tutorials/ims/installation-howto>)

## It's really that easy!



Questions?



Thank you!

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