



Technical Specification
for the OPERA™ Control Center Server Software V3.1
OPR-003-CTR-X
OPR-010-CTR-X

Feature Overview

- The OPERA™ Control Center Software is a supplement to the OPERA™ Objective Perceptual Analyzer (OPR-1XX-XXX-P).
- User friendly graphical interface for setting up a schedule of test calls between OPERA™ systems
- Automated remote control of a single or various OPERA™ systems via IP connection
- All measurement result values are available (except for graphical diagrams) as in the OPERA™ Objective Perceptual Analyzer (OPR-1XX-XXX-P) , like PESQ, PSQM/IP, PSQM+, PEAQ, Echo scores, etc.
- More than 3.000 measurements per day, more than 20.000 BHCA (call attempts per hour)
- Automatic synchronisation and allocation of the resources
- Commands may be automatically repeated and rescheduled after a certain time (e.g. every Monday)
- Applicable to telecom and wide band audio applications
- PDD measurements (Post dial delay)
- Total call duration measurements
- Termination cause indicator
- All measurement results available at a glance
- Result view filtering by connections and/or QoS results (e.g. only connections with poor listening quality are shown)
- Measurement results may be exported to any spread sheet, data base program or network management system for further analysis
- Installable on OPERA™ Objective Perceptual Analyzer (OPR-1XX-XXX-P), as well as on non-OPERA™ PC
- Advanced delay compensation for end-to-end measurements, suitable for constant and variable delays (VoIP), developed by OPTICOM
- Delay measurement with real speech/music.
- Attenuation measured in dB
- Comprehensive scripting interface
- Remote Control over IP
- DDLC™ improved timing accuracy (Dynamic Driver Latency Compensation)

System Requirements

Processor:	Intel Pentium III, 500 MHz or above
RAM:	≥ 128 MB, 256 MB are recommended
Operating system:	Microsoft Windows NT4.0 SP4, Microsoft Windows NT4.0 SP5, Microsoft Windows 2000