NEC Call Recording

Oreka TR deploys with NEC to provide clients with a more comprehensive call recording feature-set that is more secure, more flexible & more reliable than any other recording solution on the market.

Oreka TR provides you 100% confidence that your call recording solution will have zero impact on the performance and reliability of your NEC VoIP platform.

Oreka TR is deployed worldwide in over 3,000 call centers & over 250 Business VoIP Providers.

OrecX will meet the your recording needs at half the cost of competing solutions.

OrecX's powerful, flexible, future-proof design provides you with the best possible call recording solution for all your recording needs today and down the road.

- Compliance tested and deployed on all **NEC** VoIP platforms.
- Deploy in the **cloud** or on your premise – your choice.
- High **Scalability**– several clients exceeding tens of thousands of recorded subscribers, with centralized management.
- Low Total Cost of Ownership (TCO) - basic server requirements, inexpensive licensing.
- PCI, HIPPA **Compliance** & enhanced **Security** – OrecX is the only recorder that is OWASP Level 2 compliant.
- **Open** database schema, open file formats and open **REST API**.
- **Millions** of users in over 180 countries.

OrecX
Open Source Recording

NEC

Call Recording Features

On-Demand and/or 100% Recording

Live Monitoring

Selective Recording

Look-Back Call Recording

Multi-criteria Search & Filter

Filtering (IP-DID Range)

Fine-Grained Privileged Access

Call Tagging

Per Group Retention Policies

Per Group Archiving

Call Exporting

Audit Trail

PCI/HIPPA Compliant

Enhanced Security (OWASP)

REST API

Multi-site & Remote Agent

Auto-provisioning

White Label for Branding

Mobility/Mobile Support

Extended Codec Support

Quality Management*

Screen Recording*

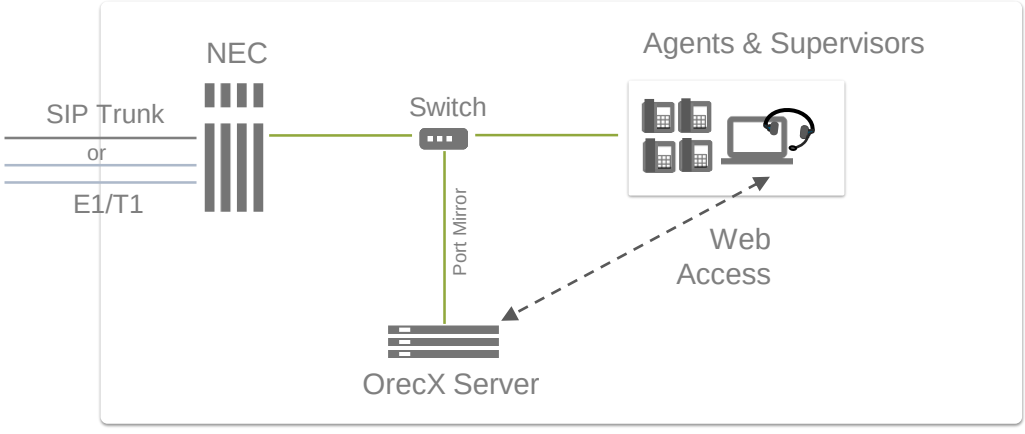
Speech Analytics*

* *add-on module*

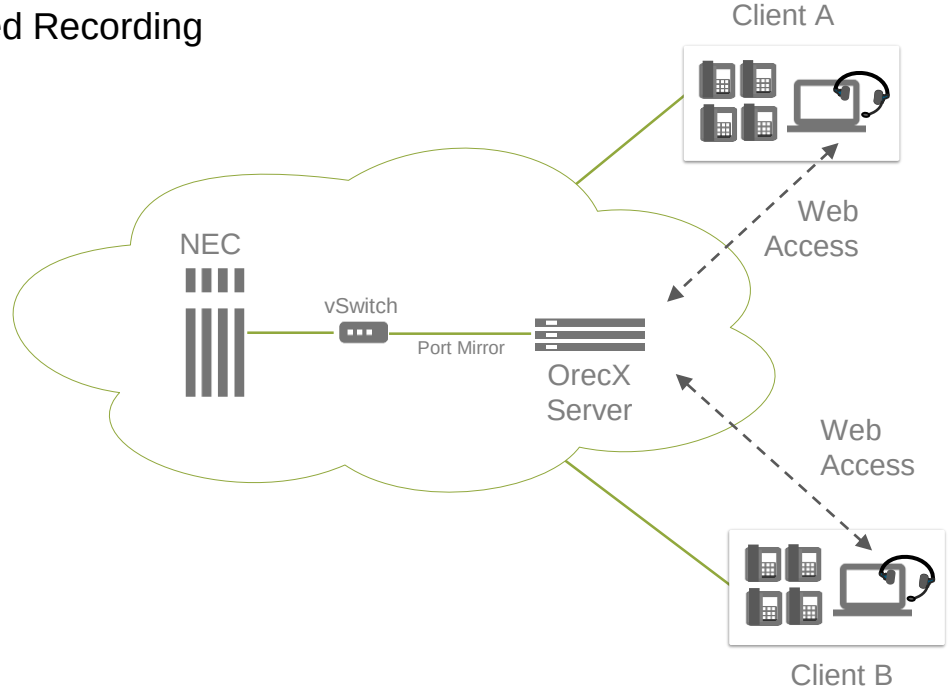
2 easy ways to Record with NEC

...your choice

Premise-based



Hosted Recording



it's easy to try OrecX with NEC

…. hosted *or* on premise

- Install server(s) with operating system (Linux CentOS or Windows) & necessary disk capacity (can be virtualized).
- All traffic requiring recording is port mirrored to the recording server, including signaling and RTP media.
- Once this is in place, OrecX Support will install the software.
- *– you'll be up and recording in less than an hour.*

….it's that simple

Call Recording Server Specifications

OS : Linux (Centos 6 or 7), any Windows . 64-bit.

Hard Drive : High-speed HD (7200 RPM or faster).
Recommend two HDs for over 300 concurrent calls.

Storage : Count 1.6 KBytes/second of recorded audio (GSM format...our default storage format).
For example, 500GB of disk space stores approximately 100,000 hours of audio.

Virtualization : Yes.

**** Recommendations based on concurrent call levels ****

Concurrent Calls:	Up to 100	Up to 350	Up to 800	Up to 1,200	Up to 1,600	Up to 2,000
CPU Cores :	Dual-core	Quad-core	8-core	12-core	16-core	20-core
L2 Cache :	4MB	8MB	12MB	16MB	20MB	24MB
RAM :	4GB	8GB	8GB	16GB	16GB	16GB

Codecs : G.711, G.729A, G.723.1, G.722, iLBC, GSM6.10, Speex, Opus, AMR, AMR-WB

Protocols : SIP, SIPREC, H.323, DMCC, Cisco BIB or Skinny, MGCP, IAX2, Alcatel UA/NOE, Nortel UNISTIM, Siemens HFA

Technical Assumptions for trial and/or production:

- Customer installs server(s) with operating system (Linux CentOS or Windows) & necessary disk capacity
- for Port Mirror: All traffic requiring recording is port mirrored to the recording server, including signaling and RTP media: http://files.orecx.com/docs/oreka-port-mirror-span.pdf
- for SIPREC: OrecX recorder must be provisioned on the telephony platform and full TCP/IP connectivity between telephony and recording platforms must be secured
- Link to more detail on a trial: http://files.orecx.com/docs/oreka-pilot-requirements.pdf

OrekaTR TOTAL RECORDER

Oreka Design Benefits Summary

Operating System, Database and HW agnostic: customer in full control of the system

Open web interface: support for all browsers, including mobile platforms, and internationalization

Open API/REST API: tool to customize application within the existing application framework or outside the application framework - the software can be controlled by third party applications

Open file formats: customizable formats to match desired Use Case(s); data portability within and without the framework of the customer data management system(s); leverage third party applications in WFO and Analytics for 'best in class' for customer requirement

Open data model: ancillary features and processes along with enhanced meta data for pre and post call processing

Enhanced security: feature set enables compliance with PCI, HIPPA, SOX, etc. - OrecX is the first & only recording solution to be OWASP Level 2 compliant

Modular components: removes complexity and costs associated with bundled applications

Scalability: standards adherence increases scalability and scalability options (clients deployed with over 50,000 recordable users)

Multiple protocol support: standards based (IETF and ITU) and proprietary protocol support enhances usability across heterogeneous operating environments and removes threat of obsolescence

Support: standards software increases available resources within and outside of the organization to support software

Rapid development: standards software increases resources available to customize software and reduces development cycles

Licensing model: flexible licensing model can be adapted to line up with the customers' go-to-market strategy