

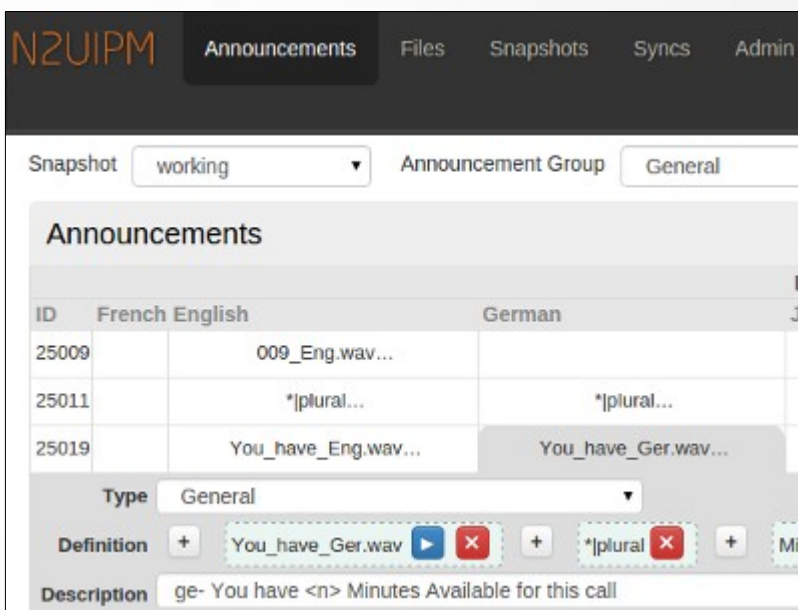
Summary

The eServGlobal “Universal Intelligent Peripheral” (ESG UIP) is an INAP Specialised Resource Platform (SRP) which is still in use today within several Telecommunications operators. The ESG UIP was typically sold in conjunction with the former eServGlobal Intelligent Networking platform – now owned and delivered by Oracle as the Oracle Communications Network Charging & Control (OCNCC) platform.

The *N-Squared UIP Management (N2UIPM)*¹ provide a modern web-based interface for the administration of announcements within an ESG UIP installation. N2UIPM provides valuable management features that would not otherwise be available.

User Interface

The N2UIPM user interface uses pure web technology for a secure, complete, standalone in-browser solution without need for additional technologies such as Java, Flash or Citrix. As well as a fully guided, intuitive interface for the design of multi-part and variable-part announcements, the interface also adds a number of vital administration features such as the ability to efficiently Snapshot and Rollback configuration state.



Key Advantages:

- **Pure Web-Browser (no Java)**
- **Fully Graphical Point & Click**
- **Upload/Download/Play Audio**
- **On-The-Fly Audio Conversion**
- **Audio File Type Validation**
- **Enhanced Search/Cross-Reference**
- **One-Click Snapshot Entire System**
- **Safe “Sandbox” Dev Environment**
- **Manual “Sync” to Live System**
- **Automated/Scheduled “Sync”**
- **Partitioned Multi-User Security**

Infrastructure Advantages

The N2UIPM infrastructure is provided via a 100% web-based interface which can operate in any modern browser. No additional plug-ins or technologies are required.

Specifically, the N2UIPM can be run securely and simply without any need for third-party legacy components such as Java JRE, Java JDK, Flash, or Citrix.

Note that all N2UIPM remote data access passes through a single HTTP/S gateway. Standard SSL certificates and additional protection can be implemented with standard tools and existing proxy technologies.

The server processes run on the existing master UIP node. No additional hardware is required.

Pure Web-Browser
Zero Client Install
No Additional Licences

100% Server-Secured
HTTPS Protection
Proxy Access Control

¹ N2UIPM is independent software and is not licensed or authorised by eServGlobal.

File & Announcement Management

The N2UIP screens simplify the management of Announcement IDs, and of the underlying Audio Files.

File	ID Usage	Type	Size (kB)
009_Can.wav	25009	RIFF (little-endian) A-law, mono 8000	13
009_Eng.wav	25009	RIFF (little-endian) A-law, mono 8000	19

- **Build & Validate Complex Announcements**
- **Play Audio In-Browser to Confirm Correctness**
- **File/ID Relationships are Protected & Secured**
- **Instant Search on ID, Filename, or Text/Label**
- **Safe, Auto-Conversion of any Audio File Format**
- **Limit User Access by Announcement ID Range**

Snapshot Management

Snapshots allow you to control deployment of changes, and work freely without feature of data loss.

Name	Creation Date
2016-04-05	Tue Apr 05 2016 14:30:29 GMT+1200 (NZST)

- **Experiment Safely in the “Working” Snapshot**
- **Deploy when Complete & Consistent**
- **Take Additional Snapshots at Any Time**
- **Snapshots use Minimal Disk Space**
- **Restore Snapshots Quickly & Easily**

Synchronisation Management

Manage the Synchronisation of your Working snapshot with the production systems.

Sync Started At	By	Comments
Wed Nov 04 2015 15:22:53 GMT+1300	admin	New files for 25205 and
Wed Nov 04 2015 12:51:06 GMT+1300	admin	Add Chinese Phrases fo
Mon Nov 02 2015 16:05:44 GMT+1300	admin	25205 change

- **Manual Synchronisation**
- **Future Scheduled Synchronisation**
- **Synchronisation Audit Trail**
 - **User Responsible**
 - **Start/End Time**
 - **Success/Fail Status**

About N-Squared

N-Squared is an Oracle Gold Partner based in New Zealand. We are specialist providers of products and services for the Telecommunications domain.

Web: <http://www.nsquaredsoftware.com/>

Email: info@nsquaredsoftware.com