



# AEONIX Case Study

## Chennai Port Trust

TRANSPORTATION

TADIRAN. SIMPLY DONE RIGHT

# Chennai Port Trust

Chennai Port, formerly known as Madras Port, is the second largest port of India, and the largest port in the Bay of Bengal. It is the third oldest port among the 12 major ports of India with official port operations beginning in 1881. Maritime trade started much earlier in 1639 on the undeveloped shore. It is an artificial and all-weather port with wet docks. Once a major travel port, it became a major container port in the Post-Independence era. The port remains a primary reason for the economic growth of Tamil Nadu, especially for the manufacturing boom in South India, and has contributed greatly to the development of the city. It is due of the existence of the port that the city of Chennai eventually became known as the Gateway of South India. The port has become a hub port for containers, cars and project cargo in the east coast of India.



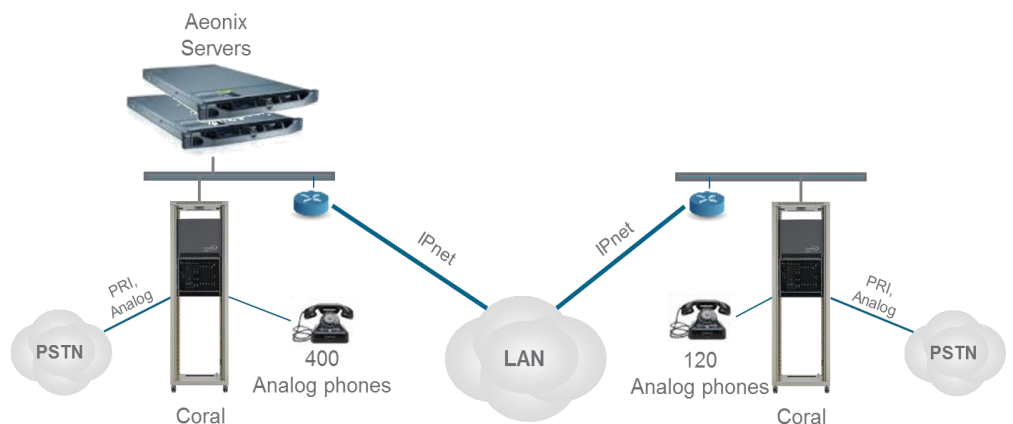
### Aeonix APPs on top of Coral:

The customer wanted a solution which will provide redundancy of both applications and telephony. The implementation is comprised of two (2) sites, 400 users in one site and 120 in the other. The end points are Analog phones. The connectivity to the local public switch network is through PRI and Analog trunks. Tadiran's partner installed a Coral IPx3000 system equipped with dual power supply and CPU redundancy at each

site. The two systems communicate via IPnet (Tadiran's proprietary implementation of the QSIG over IP Protocol). The Aeonix redundant platform hosts the Unified Messaging (UM) and Conferencing applications. The connectivity to the Coral is done via IPnet.



### Topology



INTERNAL

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**Aeonix** is a pure software based Unified Communications & Collaboration solution (UC&C) that consolidates disparate business applications into a single powerful platform. It is delivered on a fault tolerant and open architecture, with intuitive management tools. Aeonix can be deployed in a private cloud environment or as an on premise solution.

**The Coral IPx family** (FlexiCom R) of products is a powerful communications platform. It provides built-in voice and data convergence by combining IP-rich technology with the stability of TDM technologies. Coral IPx systems are complete networking solutions, offering powerful unified communications and multi-media capabilities, mobility features, and a host of IP-related features. Ideal for single deployment or multi-site networks, Coral IPx systems are suitable for organizations of all sizes, offering models that scale from a dozen to over 6000 ports. All system components, including telephones, trunk and station cards, voice messaging, database and common control elements can be easily scaled while protecting your investment

**Unified Messaging for Aeonix** is a powerful integrated unified messaging system designed to increase productivity by consolidating voicemail and email into a single inbox. It is available in two versions - Basic and Enterprise, which differ mainly in scripting capabilities, number of Auto Attendants, and number of ports. Both versions are supplied with a virtually unlimited number of mailboxes. By default, the basic version is installed on every Aeonix system. If required, the version can be upgraded by simply purchasing an Enterprise license. The Enterprise version also includes unified messaging and text-to-speech capabilities and offers comprehensive system and usage reporting on both a real-time and cumulative basis.

Tadiran's feature-rich and easy to use **audio conferencing** solution is a comprehensive collaboration tool that allows both business partners and colleagues to interact in an efficient manner. It allows users to host and share web and desktop conferences with chat and whiteboard capabilities. Enhanced voice conferencing capabilities makes collaborating with colleagues easy.

#### About Tadiran

Tadiran Telecom (TTL) L.P. is a privately held partnership, owned by Afcon Holdings Ltd. and part of the Shlomo Group. It is an established global provider of Unified Communications & Collaboration (UC&C), Contact Center, and Control Room solutions, serving businesses of all sizes, including tier-1 organizations in various market segments in 41 countries worldwide. Tadiran solutions feature a comprehensive family of products including UC platforms, IP PBXs, soft switches, contact centers, Dispatch Console, IP phones and mobility and desktop solutions.

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