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## SUCCESS STORY

## Music Information System At Asia Project

### About MIS&ASIA :

Music copyright societies in each country essentially administer public performance, broadcast and diffusion rights in musical and associated literary works and are responsible for collecting royalties on behalf of local owners of musical works and its affiliated overseas societies that manage overseas owners.

Started in August 2000, the MIS@ASIA project involves the collaboration of 7 non-profit music copyright societies in Asia to jointly develop a common royalty distribution application system. The 7 member societies are from India, Indonesia, Philippines, Malaysia, Singapore Taiwan and Thailand.

In order to facilitate the digital management and inter-exchange of musical copyrights, societies are encouraged to adopt Common Information Standards (CIS) – a universally acceptable data model drawn up by CISAC. MIS@ASIA is one of the first projects which is CIS compliant.

Essentially, the system helps to facilitate the administration and distribution of royalties i.e. registration of works by local members and works of overseas societies, supply and analysis of performance records and returns and the proper allocation of royalties to those members and affiliated societies whose works are performed in the distribution year in accordance with the information available and an accepted scheme of distribution.

### The Challenge :

- The CIS standards are exhaustive and evolving and relevant parts had to be abstracted.
- Compliance with six societies on user interface, system design and testing taking diverse range of languages and working practices between different member society users.
- Data conversion requirement overlapping with database design
- The application is Web based which involved many different skillsets i.e. graphic design, database design and the development of beans.

## The Solution :

The main features of MIS@Asia are:

- A complete operational System comprising covering the full gamut of copyright management functions : Membership, Works, Agreements, Performance Logging, Distribution.
- Fully CIS-compliant. The standards of the IPI (Interested Party Information); CWR (Common Works Registration); WID (International Musical Works Information Database); ISWC (International Standard Work Code) and relevant EDI (Electronic Data Standards) agreed by CISAC for the electronic communication of data have been incorporated in system development
- Uses CIS tools. IPI (Interested Party Information) SIS (Society Information System), ISWC (International Standard Work Code) and TIS (Territory Information System) are currently being used. Provision has been made for ISAN (International Standard Audiovisual Number) when it becomes available.

## Services Completed

Project management, system analysis, functional specifications, database design, programming, user acceptance testing, training and implementation.

The system was delivered in three phases :

- Phase 1 comprising of Membership, Works and Performance Logging
- Phase 2 -- comprising of Agreements, Distribution and Agreements
- Phase 3 comprise of electronic data interchange using WID and IPI.

## Technologies Used

Web-based application developed on J2EE standards using Enterprise JavaBeans

- Application Server : BEA Weblogic
- Database Engine : Oracle 9i
- Operating System : Windows 2000 server

## Business Results Achieved

Meets a wide range of requirements comprising of :

- Easily replicated with flexibility and scalability in any society depending on actual needs. Technically, any one member can provide full or partial back-office services to any other society.
- Web-based where members can automate the exchange of data and information among themselves or with other societies through the Internet seamlessly.
- Reductions of manual data preparation and entry
- Accuracy in calculation of royalties and speedier disbursement of royalties