

*People... Process...Technology*

## Jones Lang LaSalle

JLL client base required the ability to print high resolution floor plans to multiple page sizes complete with a high resolution legend and control of layers. Due to the dynamic nature of the data and the wide array of technology and user skills, a simple and standard solution was needed. By integrating FME Server technology into to their web based floor mapping solution, JLL was able allow their user base to print layer based PDF documents on demand, thus viewable and printable in industry standard software. The data is drawn live from their CAD and SQL Server databases giving the most up-to-date information available.

Based on client requirements, the high resolution printing has been enhanced to provide automated generation of floor plan PDFs which are then automatically transferred to an FTP site for download. This scheduled process allows for simple transfer of multiple relevant documents. These layered floor plan documents allow users to view relevant information quickly and easily and print it if necessary.

In order to simplify CAD drawing upload, a desktop based interface to Safe Software's Feature Manipulation Engine (FME), an industry leading Spatial ETL tool, was developed allowing CAD staff to easily add one, many or all files to the clients' online Space Management portfolio without having to learn the FME tool; this also provides valuable feedback into the integrity of the CAD files and ensures they meet JLL's rigorous standards.

### High Resolution Printable Floor Plans


- On demand high resolution printable PDF floor plans from Space Management System
- Fully controlled layer information
- Dynamic legend information based on map data

### Automation of PDF Generation

- Scheduled generation of printable PDF floor plans
- Documents available to all client users from website with no special tools or knowledge
- Detailed information including architectural and furniture info included

### Automation of CAD Data Upload

- Simplified CAD data upload process
- Immediate feedback to CAD team on success/failure of processes
- Graphically select relevant processes and/or files



With 40,000 staff, over 1000 locations and operations in 70 countries Jones Lang LaSalle (JLL) delivers integrated services, facilities management and commercial real estate services. As the world's largest facilities management organization, flawless operations of facilities, single view into multiple systems, mobility and consolidation of data are paramount requirements.