

CASE STUDY

Project: Computer Aided Facility Management and Standardization of CAD plans

Customer: Computer Aided Facility Management software solutions provider, United Kingdom

Requirement

The client, a leading provider of web-based Computer Aided Facility Management (CAFM) software solutions, possessed non-standardized as-built floor plans which needed to be:

- Linked to the online database.
- Standardized as per CAFM standard, placing room polygons and link them to online database.
- Updated with the data and drawing as per request in the online system

Solution Offered

- All the layers in the original drawing were translated to standard layer, layer wise. Any objects that were not supported in CAFM database were substituted by supported object types.
- Blocking of furniture was done as per globally acceptable standards.
- All rooms and surrounding areas were digitized as polylines
- After standardization, the floor was linked to online database with data such as building name, floor number, address, etc.
- The tasks were reviewed and the data/drawing online was update as per client's request.
- Once the task was complete, then the deliverables were properly quality checked and the tasks were closed.



Technology Used

- A dedicated team comprising of an Account Manager, seven core CAFM coordinators and two non-cores CAFM coordinators was assigned to work on the project.
- The team at AABSyS used high end, up-to date software such as AutoCAD, Estate Manager, Archibus, Admin, etc. to complete the given task.
- Few indigenous auto lisp routines were developed in order to expedite the drafting process and assure quality assured floor plans.
- AABSyS team was in continuous correspondence with the clients in order to solve any queries.

Customer Advantage

- AABSyS has been providing CAFM and CAD standardization for the past several years
- The flawless floor plans provided by AABSyS were useful in making informed decisions
- AABSyS provided the best quality work in a time bound, cost effective manner. An extensive quality assurance procedure ensured delivery of perfect floor plans