

A National Building Information Model Standard Project Fact Sheet
Inter-agency Federal Asset Classification Team
(IFACT)

NBIMS Overview

The *National Building Information Model Standard* (NBIMS) is a set of interoperable standards for exchange of facility and infrastructure data through the life-cycle of a project. NBIMS is a joint project coordinated by National Institute of Building Sciences (NIBS) in conjunction with the buildingSMART Alliance (bSA) and many other facilities-related associations and software companies.

Business Case

The classification and identification of equipment assets within a facility has to-date typically been accomplished through the use of internally developed legacy systems that do not integrate with other similar systems in use in other facilities, or new or existing technologies. Without an industry standard, users have been unable to cross reference data between organizations, agencies, industry, disciplines, and software solutions, creating inaccuracies and inefficiencies that have a major impact on effective maintenance, operations, and management of assets and facilities. There are shortcomings in all existing industry standards that define or classify objects in a way that allows facility life cycle capture of data.

Objectives

The IFACT project is designed to improve *OmniClass* and the *United States National CAD Standard*®, and create a cross reference database that will improve equipment asset object identification and tracking, and asset information management.

Implementation

OmniClass, the *United States National CAD Standard*®, and the subsequent IFACT cross reference database may be directly incorporated into COBIE, NBIMS, software solutions and facility management. Tying standards to equipment asset objects will facilitate the cross referencing and communication of data between disciplines and organizations across the industry.

Results to Date

- Progress towards complete revision of *OmniClass* Table 23 – Products
- Progress towards compiling new abbreviations to submit to the *United States National CAD Standard*® consensus process.
- Construction Specification Institute is the key authoring authority on project.
- Participating Agencies:
 - General Services Administration
 - Department of Veteran Affairs
 - Department of State
 - Department of Homeland Security

Future Applications

Enhancements to *OmniClass* and the *United States National CAD Standard*® will allow a higher degree of data integration for all related software solutions and facility management systems.

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