construction operations building information exchange and computer maintenance management systems

(COBIE and CMMS

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CMMS Vendor Challenge

- Vendors will start by showing
  - A manually produced COBIE spreadsheet
  - A COBIE spreadsheet produced by a BIM vendor
  - An IFC model produced by a BIM vendor

- Vendor will demonstrate the import process highlighting
  - Modules or options used
  - Any pre-configuration required

- Vendor will review the imported data to show
  - Spatial hierarchy
  - Component/Asset/Equipment/Type lists

- Vendors should demonstrate other aspects of the application such as
  - develop a work order,
  - service request
  - or other report
Types of issues

• Acquisition of
  – Spatial hierarchy
  – Component list
  – Type/Asset/Product catalogue

• Supporting data
  – Names and descriptions
  – Measures

• On-going functionality
  – ...

Maximo MEA Sample

<!--Asset of FlowMovingDevice FanType GF2500 Free selfdefined AHU box (parametric) 4x2x2 m-->  
<MXASSET>
    <ASSET>
        <ASSETNUM>0uZcDQImjANQ9MAIk1iY7h</ASSETNUM>
        <SERIALNUM>S1212</SERIALNUM>
        <LOCATION>0uZcDQImjANQ9MAIk1iY7h</LOCATION>
        <DESCRIPTION>FlowMovingDevice FanType GF2500 Free selfdefined AHU box (parametric) 4x2x2 m</DESCRIPTION>
        <MANUFACTURER>Farnham fan Systems</MANUFACTURER>
        <REPLACECOST>0.0</REPLACECOST>
        <INSTALLDATE>2008-08-01T12:34:56Z</INSTALLDATE>
        <WARRANTYEXPDATE>2013-07-31T12:34:56Z</WARRANTYEXPDATE>
        <ITEMNUM>FlowMovingDevice FanType GF2500 Free selfdefined AHU box (parametric) 4x2x2 m</ITEMNUM>
        <SITEID>0CLU2CS0f1bQKGqXOMnK3S</SITEID>
        <DESCRIPTION_LONGDESCRIPTION>FlowMovingDevice AHU1 Main AHU</DESCRIPTION_LONGDESCRIPTION>
        <ASSETTYPE>FlowMovingDevice</ASSETTYPE>
    </ASSET>
</MXASSET>