

Glossary and Troubleshooting

Prepared by:



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Maximo Production URL: <https://maximo.bia.gov/maximo>

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1 Glossary and Acronyms

Actual Beneficial Occupancy	The date the location was first occupied by the current occupant.
Actual Finish	Date & time actual work was completed. Populated when status is changed to Completed.
Actual Start	Date & time actual work began. Populated when status is changed to In Progress.
API	Asset Priority Index, an IA-FMS application used to determine the priority of an asset and calculated to resulting mission dependency.
Area Gross (SF)	The total square footage of the building based on FBMS
Asset	Equipment or machinery (e.g. HVAC, pump, boiler etc.) against which work may be performed.
Asset/Location Priority	Identifies the priority level copied from the asset/location record and used to schedule the work.
Basement Levels	The number of basement levels, or how many levels below ground the location has
BPERM	Budget and Project Execution, Ranking and Management, an IA-FMS application used for budgeting, creating projects and gaining approval for work orders created within IA-FMS.
Building Designer	The building designer
BUMP	BIA User Management Portal, an IA-FMS application used to request and approve access to any of the customized web applications developed to interface with Maximo.

Category	Backlogs (DM work orders) are placed in the following categories: New Construction (C), Energy (E), Fire (F), Handicap (H), Physical Plant (M), Programmatic (P), Outyear Renewal (R), Safety (S), Emergency (U), Environmental (X).
Child Relationship	Assets, work-orders, and locations have a hierarchical relationship, with Child having a subordinate relationship to the Parent. Child locations are often used to identify discreet locations are spaces within a building (e.g., rooms, hallways, utility rooms, etc.).
CI	Capital Investment
Classification	Describes the functionality or use in order to categorize records in the IA-FMS (Maximo) system.
Critical Deficiency	There are four options for an critical deficiency: <ul style="list-style-type: none">• An advanced deterioration that has resulted in the failure of the asset/location or will result in the failure of the asset/location if not corrected within one year• An accelerated deterioration of adjacent or related materials as a result of the asset/location deficiencies• A threat to the health and or safety of the user• A failure to meet a legislated requirement.
Critical Systems	A subsystem or piece of equipment that is critical to the effective functioning of the location. Critical Systems are those systems or sub-systems specifically fitted to or employed by locations to provide the [fundamental function].
CRV	Cost Replacement Value. The cost required to replace the entire structure (e.g. building).
Deferred Maintenance (DM) Work Order	A collection of specific work items (deficiencies) needed to improve or repair structures and sites, and track them from the through all stages to completion.

Deficiency Class	<p>Type of backlog deficiency. Deficiency Class types include the following:</p> <ul style="list-style-type: none">• ADA (Accessibility Code Compliance)• ADM (Admin/Inspection), DEM (Demolition)• ECC (Environmental Code Compliance)• HCC (Health Code Compliance)• NEC (National Electrical Code Compliance)• NFC (National Fire Codes – NFPA Compliance)• OTH (Other)• TEL (Telecommunications)• UBC (Uniform Building Code Improvements/Repairs)• UMC (Uniform Mechanical Code Compliance)
Deficiency Work Order	<p>A legacy work order that documents deficiencies discovered while performing a condition assessment or a safety inspection on a location/asset.</p>
DFMC	<p>Division of Facilities Management and Construction, the division within Indian Affairs that owns the IA-FMS application.</p>
DOI	<p>Department of Interior</p>
Duration	<p>Estimated remaining number of hours needed to complete the work.</p>
Estimated Replacement Year	<p>The year the location is estimated for replacement.</p>
FBMS	<p>Financial Business Management System, used to handle the financial transactions within IA.</p>
FBMS ID	<p>The FBMS system equivalent of the Maximo ID field. What Maximo terms a “location” (as uniquely identified by the Maximo ID) FBMS terms an “asset” (as uniquely identified by the FBMS ID).</p>
FBMS Relevant?	<p>Indicates if the record - either a location or work order record - is linked to a corresponding record in FBMS. Will be checked for all Standing Orders.</p>
FBMS Status	<p>Status of the corresponding record in FBMS</p>

FCI	Facility Condition Index. The formula is $FCI = \text{total DM} / \text{CRV}$, where total DM is the total cost of all deferred maintenance work orders, or backlogs.
FCI Based Condition	The verbal expression for the FCI. For instance, if the FCI is low, it is "Poor;" if the FCI is high, it is "Good."
FED	FBMS Entry Document
FFS	Federal Finance System, the precursor to FBMS
Floors	The number of floors at the location
FMIS	Facility Management Information System, precursor to IA-FMS
FMIS Backlog Number	The backlog ID from the legacy system (FMIS) corresponding to the IA-FMS DM work order (aka deferred maintenance work order). Only found on IA-FMS work orders that were imported from the legacy system's approved backlogs.
FMIS Deficiency ID	Pertaining to FMIS (the legacy system), a new FMIS deficiency is created when a new DM work order (IA Deferred Maintenance Tracking application) is created in Maximo (with default status WAPPR – "waiting on approval"). Therefore, there is no particular status change required to facilitate the transfer to FMIS; there mere act of creating a DM work order in Maximo is itself the trigger for transfer to FMIS.
FMIS Work Ticket	The work ticket ID from the legacy system (FMIS) corresponding to the IA-FMS work order. This is only populated if the IA-FMS work order originated in the legacy system.
Footprint (SF)	The square footage of a foundation (e.g. the square footage of a building's foundation) – the "footprint"
FRPP #	Federal Real Property #. The identifier of the record in the legacy property system.

Functional Area	Represents the funding level below Fund. e.g., bureau program activity. It defines the objective, function, or mission of the bureau's major responsibilities, and is used to distribute the budget and track spending and revenue. This field is also used to capture the bureau Activity Based Costing (ABC) code.
Fund	Funds are master data used to track budgetary resources received through appropriations from the general fund at the Treasury, revenues, and other budgetary authority and related expenditures. Funds receive and control budget and serve as a key element in the availability control process. Funds in FBMS (SAP) are used to track sources of funding that have been made available to cover specific expenditures and for tracking unavailable resources. They represent financial resources that are provided for a specific purpose by a sponsor and managed separately. This enables the exact source of the funds to be determined.
Funds/Cost Center	<p>The FBMS line of accounting for the work order. Fund Centers represent budgeting organizations within FBMS and serve as a key element in the availability control process.</p> <p>The Funds Center is a hierarchical organizational element within Funds Management that represents the structure of the organization or areas of responsibility. Budgets are generally assigned to the Funds Centers responsible for executing the budget. Within the organizational unit, the funds centers represent the structural grouping into departments, areas of responsibility, projects, etc. Generally, Funds Centers are Cost Centers within the organization.</p>
GPS – Latitude	The GPS latitude
GPS – Longitude	The GPS longitude
Grade Levels – Highest	The highest grade level (ranging from pre-kindergarten, to kindergarten, to levels 0-16)
Grade Levels – Lowest	The lowest grade level (ranging from pre-kindergarten, to kindergarten, to levels 0-16)

Has Follow-up Work?	Specifies whether the work order has follow-up work. If the check box is selected, there is follow up work. If the check box is cleared (the default), there is no follow-up work.
Health Life Safety?	Indicates whether the work represents health, life, safety issues.
Hierarchical Relationships	Classifies assets, work orders, or locations according to various criteria into successive levels or layers. The layers are titled "parent" or "child."
Historical Status	The historical status of the location, which can be any of the following: Historical, Over 50 Years, Unique Architecture
IA	Indian Affairs
IA-FMS	Indian Affairs – Facility Management System, which is comprised of IBM’s Maximo and customized development products (API, WebCRV, BPERM, S&CAP, IS&CAP, BUMP, and WORK)
IBM	International Business Machines, vendor for the Maximo product
IE	Indian Education
Inherit Status Changes?	Specifies whether the work order's status will change when its parent work order's status changes. If the check box is selected (the default), the work order's status will change when the parent work order's status changes. If the check box is cleared, the work order's status will not change when the parent work order's status changes.
Inspection Date	If a deferred maintenance work order (backlog) is an inspection work order (Work Type – 'Inspection'), then the Inspection Date field will populate.
Inspection Number	If a deferred maintenance work order (backlog) is an inspection work order (Work Type – 'Inspection'), then the Inspection Number field will populate.
Inspection Type	If a deferred maintenance work order (backlog) is an inspection work order (Work Type – 'Inspection'), then the Inspection Type field will populate.

Is Task?	Identifies this as a task work order.
Isolation Factor	A calculation is used to regulate cost values based on the geographic location and the economic norms of the region by multiplying the Isolation Factor of the region by the entire calculated value of the CRV.
Job Plan	Describes operational steps needed to accomplish a specific job or task. In addition to the listed steps, a job plan may include estimated labor, materials, and tools.
Last CA Inspection Date	Date for the last condition inspection (CA) that was conducted against the Maximo location (Maximo ID)
Last CA Inspection Number	Identifier for the last condition inspection (CA) that was conducted against the Maximo location (Maximo ID)
Leasing Organization Name	The name of the leasing organization.
Leasing Organization Type	The type of leasing organization, which can be any of the following: Government, Tribe, Vendor
Life Span (Yrs)	The expected life span of the location
Location #	The legacy system's equivalent of the Site (School, Agency, Detention Center). For example, what the legacy system (FMIS) referred to as Location # N35-01 (Chinle Agency), IA-FMS refers to as Site IA004 (Chinle Agency). This is a read-only legacy field, and may be removed in the future. As former FMIS users become more familiar with the Site identifier, the Location # may be phased out.
Location Type	The type of location, which includes all of the following (with corresponding numerical codes): <ul style="list-style-type: none">• Top Level (0000)• Building (1100)• Room (1150)• Grounds (1200)• Tower (1300)• Tank (1400)

Maintained By	Indicates who maintains the Maximo location (Maximo ID). Options include the following: BIA Education BIA Non-Education Compact Education Compact Non-Education Contract Education Contract Non-Education General Administration, Grant Education, Grant Non-Education, GSA, Indian Health Services, Occupying Program, Public Safety & Justice
Maximo ID	An auto-generated alphanumeric code which identifies each location (buildings, rooms, towers, tanks, grounds). Often simply referred to as the "location." The Maximo ID field is displayed on work order records, on asset records etc.
Mission Dependency	The sum of the Mission Criteria score and the Operations score from the API Worksheet. The Mission Dependency represents the priority of a location to the mission of IA.
Net Construction Markup	A calculation is used to standardize construction costs nationwide. The Net Construction Markup is measured in percentages. The same percentage is applied to all CRV calculations.
Number of Students	The location's capacity for students
O&M	Operations and Maintenance
Occupying Program	The occupying program, which may be any of the following: BIA Education, Compact Education, Compact General Administration, Contract Education, Contract General Administration, General Administration, General Administration – OJS, Grant Education, GSA, Indian Health Services, Office of the Special Trustee, Public Safety & Justice, Tribe, other (i.e. Federal, State, County).
OJS	Office of Justice Services

On Behalf Of	Identifies for whom this work order has been created. For example, if someone did not have access to a computer, another user could create the work order on behalf of that person.
On Historic Register?	Indicates whether the location is a historic building.
Original Cost	The original cost of the location
Originating Record	Identifies the source record that was used to create the record currently being viewed.
OSG (Y/N)?	Office of Self Governance - (Yes or No)?
Owned By	Indicates the owner of the Maximo location (Maximo ID). Options include the following: <ul style="list-style-type: none">• Bureau of Indian Affairs• External Organization• General Services Administration• Indian Health Services• Tribal• N/A
Parent Relationship	Assets, work orders, and locations have a hierarchical relationship, with Parent having a higher level than the Child.

Parent WO	<p>Identifies the parent of the (child) work order. Often this is the Real Property Standing Order (RPFM, RPFO) linking the work to the accrued, actual costs from the FBMS system. On O&M work orders (IA Work Order Tracking application) the Parent WO field represents the O&M funding category to be associated with the (child) work order. Essentially, it represents the bucket of money, which can be any one of the following categories:</p> <ul style="list-style-type: none">• FM SO (Facilities Maintenance Standing Order)• GM SO (Grounds Maintenance Standing Order)• UM SO (Unscheduled Maintenance Standing Order)• PM SO (Preventive Maintenance Standing Order)• FO SO (Facilities Operations Standing Order)• PS SO (Protective Services Standing Order)
Planned Location	<p>A location status where a location is identified as needed and is being developed but is not completed. This type of location is the only type that can be created to represent a constructed asset within the IA-FMS (Maximo) system. When the location is complete and commissioned, the vital information for the record is transmitted from the FBMS system.</p>
PM	<p>Identifies the preventive maintenance record from which the WO was generated.</p>
POR Number	<p>The POR number to which the deferred maintenance work order (backlog) belongs</p>
Portable?	<p>Indicates whether the location is a “portable” or mobile location.</p>
Preventative Maintenance Work Order	<p>A work order generated to initiate preventative maintenance on a location or asset.</p>
Priority	<p>Identifies the importance of the work order.</p>
Priority Justification	<p>Describes why the work order received the assigned priority.</p>
Probability	<p>Likelihood the HLS (Health Life Safety) incident will occur.</p>

Project Number	The project number to which the deferred maintenance work order (backlog) belongs
RAC	Risk Assessment Condition. Numerical expression of risk determined by severity and probability. This is a calculated field.
Rank	Given a category (above), backlogs (DM work orders) are ranked 1 through 3, with 1 being the most important and 3 the least. However, not all categories have selectable ranks of 1 through 3; for instance, F (Fire) only has rank 2.
Remote Location?	Indicates whether the Maximo location (Maximo ID) is a remote location.
Reported By	Identifies the person reporting the work order.
Reported Date	Date & time the work order was reported.
Required Field	A field that requires a user-entered value before the record can be posted. These fields are indicated by a red asterisk. A record may contain one or more required fields.
S&CAP	Safety and Condition Assessment Portal, an IA-FMS application used to create requests for safety inspections and facility condition assessment and record the corresponding results.
Safety Plan	Identifies the safety plan applied to the work order.
Scheduled Finish	Date & time the work is scheduled to be completed.
Scheduled Start	Date & time the work is scheduled to begin.
Severity	Level of health risk resulting from exposure to HLS (Health Life Safety) incident.

Site	An alphanumeric code (e.g. IA004) which identifies a school, agency, or detention center. The site is the uppermost geographical area under which locations (buildings, rooms, towers, tanks, grounds) fall. Virtually all IA-FMS system records (e.g. location, asset, work order records) indicate the Site to which they belong.
Status	Status of the IA-FMS record which describes the current “state” of the record. For example, such system statuses include WAPPR (Waiting on Approval), APPR (Approved), COMP (Completed), CLOSED (Closed) etc.
Status <i>(on the location’s Detail tab)</i>	Additional status field provided for the location, which includes the following legacy value list: <ul style="list-style-type: none">• Deleted• Demolished• Inter-Location Transferred• Not Found• Not in Use• Occupied• Occupied by Others• Proposed Demolish• Proposed I.L.T• Proposed New• Proposed New Construction• Proposed Sell• Proposed Transfer• Sold• Transferred
Status Date	Date the work order status was last changed
Structure #	The legacy Structure Number that corresponds to each Maximo ID. This is a read-only field (in the work order applications) and is driven by the Maximo ID field. Therefore, the Structure # field is auto-populated based on the manual selection of the Maximo ID field.
Target Finish	Date the work order is targeted to be completed.

Target Start	Date the work order is targeted to begin. If the work order is generated from a PM, Maximo copies this date from the value in the Last Target Date field on the Frequency tab of the PM record.
Time Remaining	Number of remaining hours needed to complete the work. Maximo calculates the value from the Duration - number of hours worked so far. You can modify this value until the work order is closed.
Total Funded (SF)	How much of the total square footage (Area Gross) of the building is actually funded for O&M
Tribal Reference ID	The system-generated number for tribal locations.
UOM	Unit of Measure
Use	Identifies the classification path of the location (Maximo ID). For example: BUILDING \ QUARTERS \ APRTMENT This field is ready-only (in the work order applications) and populates based on the location (Maximo ID) associated with the work order.
Value List	A pre-programmed set of values, attached to a field. The field will only allow the user to enter one of the values contained in the value list.
WBS	Work Breakdown Structure. WBS elements represent a part of a project in SAP. The WBS is a model of the project that organizes project tasks into a hierarchy. It is the functional basis for further planning steps in a project (e.g., for process planning, cost planning, scheduling, capacity, planning or costing, as well as project control). It gives a clear picture of the project and facilitates the coordination and implementation of the project from a management standpoint. It shows the work involved in a project.
WebCRV	Web Current Replacement Value, and IA-FMS application used to determine and calculate the replacement value of an asset.

WORK	Work Order Reporting Kiosk, an IA-FMS application used to report work hours on work orders within IA-FMS
Work Identification	Process of determining work tasks to be accomplished. Tasks result from a determination that an asset is not at its established standard or a need for a service.
Work Order	Identifies the work order number and describes the work performed. A work order can be performed against a location (Maximo ID field) or an asset. In IA-FMS (Maximo) a work order may be either a regular O&M work order (IA Work Order Tracking application) or a backlog work order (IA Deferred Maintenance Tracking application).
Work Subtype	Identifies the work order's sub-type (a subset of work types).
Work Type	Identifies the work order's type. For example: Capital Improvement (CI), Facility Maintenance (FM), Facility Operations (FO), Preventive Maintenance (PM), Deferred Maintenance (DM), Inspection (IN), Real Property Facility Maintenance (RPFM), Real Property Facility Operations(RPFO),
Year Built	The year the location was built

2 IA-FMS Help Desk Contact Information

If you have questions or experience issues with any of the IA-FMS applications, (Maximo, BPERM, S&CAP, API, CRV, WORK or BUMP) contact the IA-FMS Help Desk and someone will assist you.

You can reach the Help Desk by any of the following methods:

Phone:

- 866-706-2011 (toll free)
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Email

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