



OneVizion

Building an Application 1

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Simply Smarter Information Management

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Topic: Building an Application

- Gather Requirements:
- Who are the people using this Application?
- Who or what needs the results downstream?
- What are possible interactions with other internal or external applications?

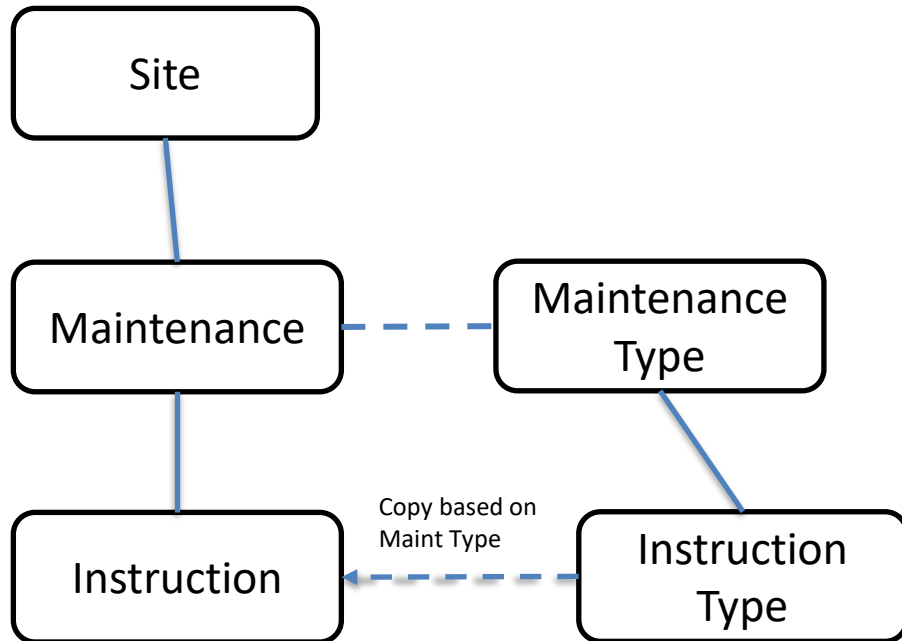
Sample Business Process: Site Maintenance

- Perform various types of Maintenance on a Site on a periodic basis
- Schedule Maintenance Sessions periodically
- Based on the type of Maintenance, perform a different set of tasks.

Topic: Design Application

Design Application

- Draw basic structure to understand data structure
- Get some sample data to get an idea of data points you need to track
- Plan out any Automations that will be needed



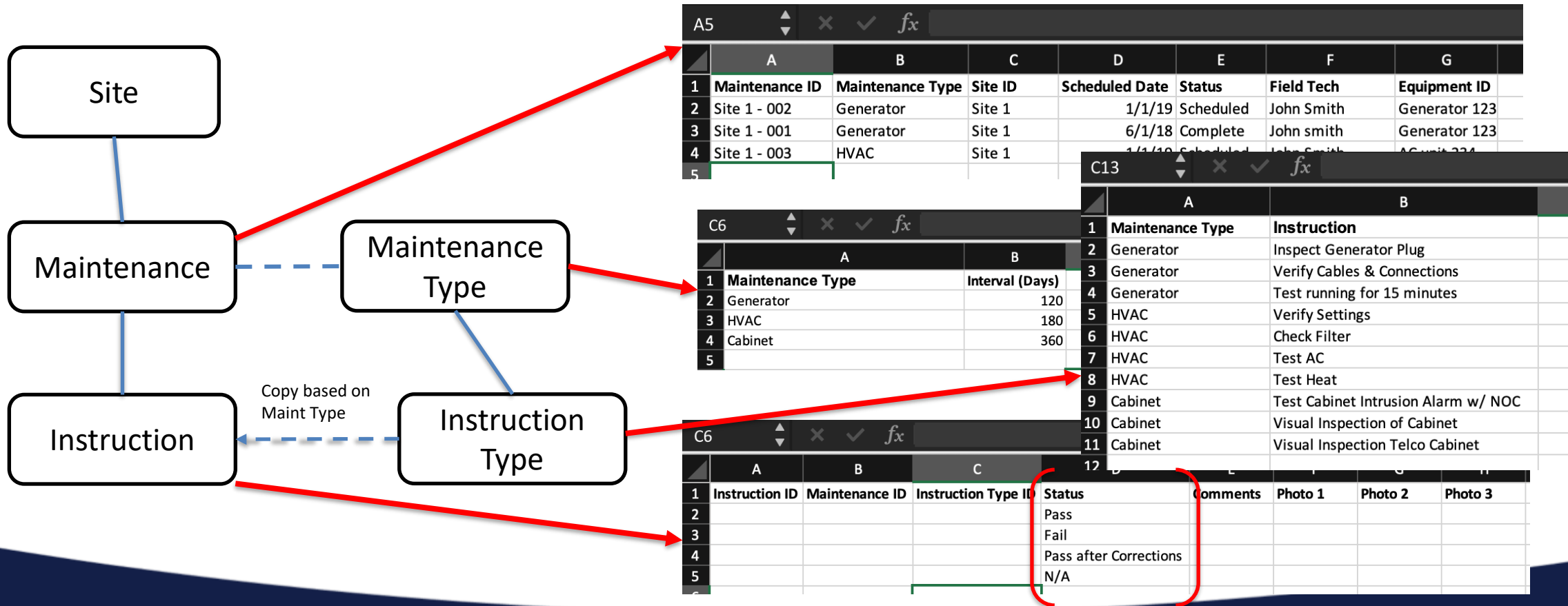
For this Site Maintenance Application:

- **Maintenance** Sessions are attached to a **Site**
- To allow an arbitrary set of **Instructions** for different types of Maintenance Types, we create that as a Child
- Build a metadata structure to hold our definitions of What **Instruction Types** are used for particular **Maintenance Type**
- We can make an automation to copy a set of **Instructions** to a **Maintenance** based on it's **Maintenance Type** when it is created.

Topic: Design Application

Get Data for each Tracker Type to determine what datapoint need to be created

- People performing these processes usually have Excel sheet they use
- Be sure to think about all the needed values in Picklist type fields



| | A | B | C | D | E | F | G |
|---|-----------------------|-------------------------|----------------|-----------------------|---------------|-------------------|---------------------|
| 1 | Maintenance ID | Maintenance Type | Site ID | Scheduled Date | Status | Field Tech | Equipment ID |
| 2 | Site 1 - 002 | Generator | Site 1 | 1/1/19 | Scheduled | John Smith | Generator 123 |
| 3 | Site 1 - 001 | Generator | Site 1 | 6/1/18 | Complete | John smith | Generator 123 |
| 4 | Site 1 - 003 | HVAC | Site 1 | 1/1/19 | Scheduled | John Smith | AC unit 224 |

| | A | B |
|---|-------------------------|------------------------|
| 1 | Maintenance Type | Interval (Days) |
| 2 | Generator | 120 |
| 3 | HVAC | 180 |
| 4 | Cabinet | 360 |

| | A | B |
|----|-------------------------|-------------------------------------|
| 1 | Maintenance Type | Instruction |
| 2 | Generator | Inspect Generator Plug |
| 3 | Generator | Verify Cables & Connections |
| 4 | Generator | Test running for 15 minutes |
| 5 | HVAC | Verify Settings |
| 6 | HVAC | Check Filter |
| 7 | HVAC | Test AC |
| 8 | HVAC | Test Heat |
| 9 | Cabinet | Test Cabinet Intrusion Alarm w/ NOC |
| 10 | Cabinet | Visual Inspection of Cabinet |
| 11 | Cabinet | Visual Inspection Telco Cabinet |

| | A | B | C | D | E | F | G | H | I |
|---|-----------------------|-----------------------|----------------------------|------------------------|-----------------|----------------|----------------|----------------|---|
| 1 | Instruction ID | Maintenance ID | Instruction Type ID | Status | Comments | Photo 1 | Photo 2 | Photo 3 | |
| 2 | | | | Pass | | | | | |
| 3 | | | | Fail | | | | | |
| 4 | | | | Pass after Corrections | | | | | |
| 5 | | | | N/A | | | | | |

Topic: Building an Application

Build the Data Store:

- Create Trackors
- Build Tree
- Create Fields
- Assign to Tabs
- Assign Tabs to Applets

Build Automations

- Automation Trackor
- Rules/Packages
- API Interfaces

Build the User Interface

- Create Menu Items
- Setup View and Filter Options
- Reports
- Portals
- Dashboards
- Security Roles

Building the Database



Create Tracker Types

Edit Tracker - General 970201

Tracker Name *
Maintenance

Tracker Label (#-9321) *
Maintenance

"Item ID" Label (#-9324) *
Matintenance ID

"Class" Label (#)

Prefix Label (#-9322) *
MTC::

"My Items" Label (#-9323) *
My Maintenance

Alias Field
...

Limit of Active WPs
No Limits

PL/SQL ID Reference
Out Of Sync

Is Cloning Allowed?
 Is OneVizion User?
 Enable Chat

Can be a Template
 Is EFile Container?

OK Cancel Apply

Notes:

- Be sure to go to the Components Export page and create a new **Components Package** to use while you are building a new application.
- Decide how you will uniquely identify each Tracker Record.

The Site Maintenance App has 4 Types to create.

- Maintenance
- Instruction
- Maintenance Type
- Instruction Type

Build Tracker Tree

The screenshot displays the OneVizion Tracker Tree interface. On the left, a tree structure is visible with nodes such as Market, Search Ring, Candidate, Project, Cost Items, Documents, Lease, Permit, Maintenance, and Instruction. The 'Maintenance' and 'Instruction' nodes are highlighted with red boxes. On the right, an 'Edit Relation' dialog box is open, showing the following configuration:

- Relation Type ID: 100007004
- Tracker *: Instruction Type
- Cardinality *: 1 to many
- Unique By: Tracker Root
- Color Code: (empty)
- Child Requires Parent
- On Parent Delete Cascade
- Lockable
- Show All Records in Tracker Container

Buttons for 'OK', 'Cancel', and 'Apply' are visible at the bottom of the dialog.

Notes:

- Trackors must be attached somewhere in the Tree to be visible to users.
- Attaching to the Tracker Root means this data is not directly related to other parts of the Tree.
- **Maintenance** is attached under **Search Ring**
- **Maintenance Type** is attached at the Tracker Root. Only Admins will see this directly.
- **Instruction** and **Instruction Type** are set with *Child Requires Parent* and *Cascade Delete* because they can't exist without their parent.

Create Fields:

- Manually
- Dropgrid
- Import

The screenshot shows the 'Fields' management interface. A table lists fields with their IDs and names:

| Field ID | Field Name |
|------------|----------------|
| 1000064164 | XITOR_KEY |
| 1000064165 | XITOR_CLASS_ID |
| 1000064169 | MT_INTERVAL |

An 'Edit Field - General' dialog box is open for field ID 1000064169. It includes fields for:

- Tracker Type * (Maintenance Type)
- Field Label (#16188) * (Interval (Days))
- Color Code
- Field Width (px) *

The screenshot shows the 'DropGrid Wizard' interface. It displays a table of imported files and a configuration screen for 'MaintenanceApplication.xlsx'.

| DropGrid ID | Excel Data File | File Name |
|-------------|-----------------------------|-----------------------------|
| 101363 | MaintenanceApplication.xlsx | MaintenanceApplication.xlsx |
| 101503 | MaintenanceApplication.xlsx | MaintenanceApplication.xlsx |
| 101783 | Landlord Master File.xlsx | Landlord Master File.xlsx |
| 101785 | Landlord Master File.xlsx | Landlord Master File.xlsx |
| 101803 | Generator Fields.xlsx | Generator Fields.xlsx |
| 101823 | HVAC and CAB CFs.xlsx | HVAC and CAB CFs.xlsx |
| 101824 | HVAC and CAB CFs.xlsx | HVAC and CAB CFs.xlsx |

The configuration screen for 'MaintenanceApplication.xlsx' shows the following settings:

- Tracker Type: Instruction
- Label: Instruction
- Prefix: Inst
- Primary Key: Instruction ID
- Field Mapping table:

| Field Label | Field Name | Data Type |
|---------------------|----------------|----------------|
| Instruction ID | XITOR_KEY | Text |
| Maintenance ID | XITOR_KEY | Text |
| Instruction Type ID | INST_INSTRUCTI | Tracker Drop-D |
| Status | INST_STATUS | Drop-Down |

The screenshot shows the 'Import Data' interface. A table lists import records:

| Import ID | Import Name |
|-----------|-----------------------|
| 100... | Configured Fields |
| 100... | Site Default Data Imp |

A 'Run Import' dialog box is open, showing configuration options:

- File Name: Choose File (No file chosen)
- Action: Insert
- Is Incremental:
- Schedule: Run Now (selected) or At a specific time
- Time: 14 : 36
- Date: 03/18/2020

Create Fields - Manually

Edit Field - General

Tracker Type *
Case

Data Type *
Calculated

Field Label (#-40248) *
Current Status Age Non-Cumulative

Field Name *
C_CURRENT_STATUS_AGE_NC

Color Code
[Dropdown]

Field Width (px) *
180

Color Table [Dropdown]

PL/SQL ID Reference
Out Of Sync

SQL Query

Description
[Text Area]

Comments
[Text Area]

Mandatory Two Columns Span Lockable Read Only
 Don't Clone Field Value Don't Clone Lock Status Support Barcode Show Expanded List

Notes:

- A default Field Name is created based on the Tracker Type's prefix and the label you type in.
- Field Names should be kept to 30 characters or less for some features.
- Different Attributes of the Field are displayed based on the Data Type selected.

Create Fields - Dropgrid

DropGrid Wizard - Google Chrome
innovation.onevizion.com/wizard/DropGrid.do?id=101503

1 Upload File 2 Tracker/Fields 3 Tracker Key Setup 4 Components 5 Verification

MaintenanceApplication.xlsx → Instructions mgreene_training 06/13/2019 14:51:21

Field Mapping

Tracker Type: Instruction Label: Instruction

Prefix: Inst Primary Key: Instruction ID

| Is Import Column? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
|-------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| Field Label | Instruction ID | Maintenance ID | Instruction Type ID | Status |
| Field Name | XITOR_KEY | XITOR_KEY | INST_INSTRUCTI | INST_STATUS |
| Data Type | Text | Text | Tracker Drop-D | Drop-Down |

Save Prev Step Next Step Start

Notes:

- Will scan the excel sheet to attempt to generate field labels, names and data types based on the sheet.
- These defaults can be adjusted if needed.
- Dropdown fields will be populated with values from the field.
- A General Tab will be created along with a View.
- An Import will be created, and the data will be imported if desired.

Create Fields - Import

Import Data
Unsaved View Unsaved Filter

Search for

| Import ID | Import Name |
|-----------|-------------------------------------|
| 100... | Configured Fields |
| 100... | Site Default Data Import |
| 100... | Vendors Default Data Import |
| 100... | Vendor Contacts Default Data Import |

Run Import - Configured Fields - Google Chrome
innovation.onevizion.com/configimport/RunImport.do?id=100006473

Import File

File Name No file chosen

Action

Is Incremental

Schedule

Run Now At a specific time

14 : 45 03/18/2020

Comments

Expected Columns Supplied Columns

OK Cancel

Notes:

- Uses a CSV file.
- Columns for the file are the same as generated by an **Export** from the **Fields** page.
- Requires columns for Tracker Type, Label Text, and Data Type

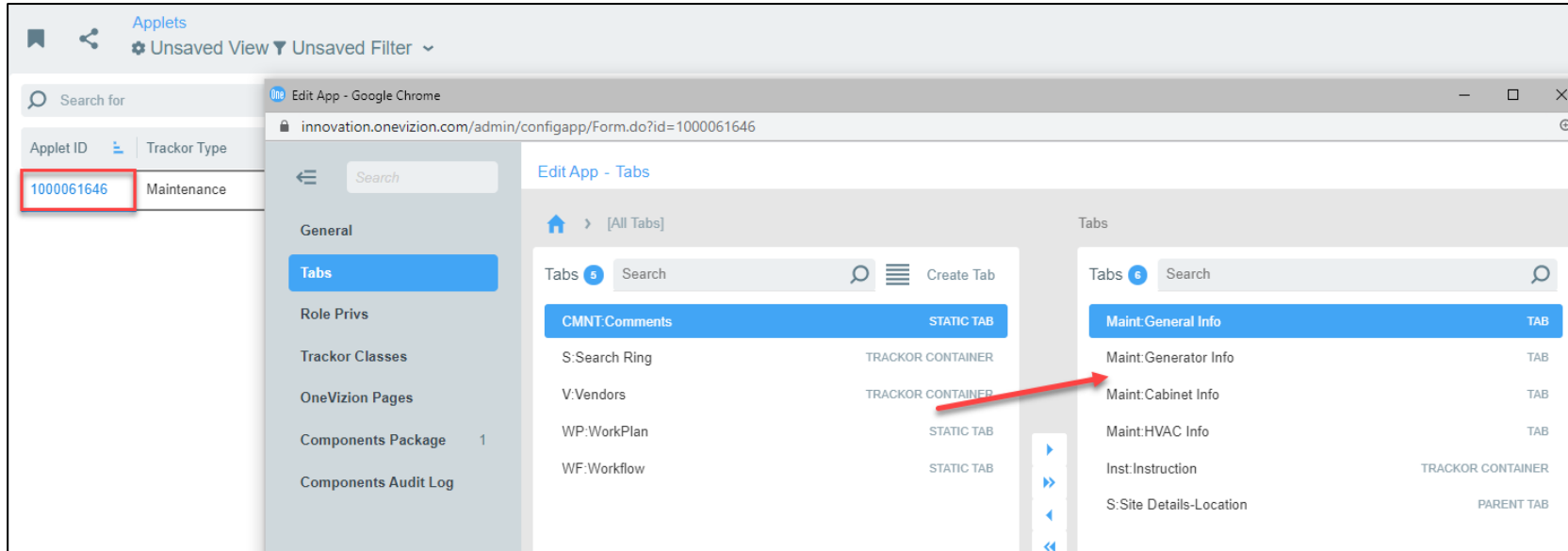
Assign Fields to Tabs

The screenshot displays the 'Edit Tab - General' configuration screen. On the left, a sidebar lists available fields for assignment. The field 'S-Jurisdiction Contact' (MEMO) is highlighted in blue, and a red arrow indicates it is being dragged to the main form area. The main form area shows the 'Instruction' tracker type with various fields such as 'Inst: Instruction ID', 'S: Site ID', 'Inst: Instruction Type', 'Inst: Status', 'Inst: Comments', and 'Inst: Photo 1/2'. The 'Markup' tab is active, providing a visual layout of the fields. At the bottom, there are 'OK', 'Cancel', and 'Apply' buttons.

Notes:

- Drag fields from left side list into position on the right side
- Markup tab gives labels and dividers for better visibility
- Fields can also be repositioned on the tab form by dragging and dropping.
- Fields from related Tracker Types can also be used.
- New Fields can also be created

Assign Tabs to Applets



Notes:

- Drag any needed Tabs from left to the right side.
- Can add drill down tabs for Child or Parent Tracker Types.

Site Maintenance app:

- The **Maintenance** tracker needs Access to its **Instruction** children.
- Same for the matching **Maintenance Type** and **Instruction Type** pairing.
- Also, the **Site** tracker needs visibility to its **Maintenance** sessions.

Building Automations



Automation Tracker



The screenshot displays the 'Automation Tracker' interface. At the top, there's a search bar and a dropdown for 'Automation ID'. Below this is a list of automation IDs, with 1000221 selected. The main area shows the 'Edit Automation - General' form. The form includes fields for 'Automation Name' (CaseTimeRecords), 'Automation Process' (dropdown), 'Trigger Type' (Tracker Updated (After)), and 'Tracker Type' (Case). There is also a 'Description' text area, a 'Stop On Filter Match' checkbox (checked), and an 'Enabled' checkbox (unchecked). At the bottom right, there are 'OK', 'Cancel', and 'Save/Apply' buttons.

Automations provide a way for Business users to set up triggers, filters, and actions without having to use SQL code to build Rules.

An Automation is a set of **ordered Filter-Actions** that is controlled by **Triggers** on a specific Tracker Type.

Below are some of the key terms and capability of Automations:

- **Trigger Type** – Defines *when or the type of Event* in the system that will trigger the Automation. This is similar to the Rule Types in the platform. Currently, below Trigger types are supported:
 - Field Updated (After)
 - Task Date Updated (After)
 - Trackor Created (After)
 - Trackor Created/Updated (After)
 - Trackor Updated (After)
 - Trackor Deleted (Before)
- **Trackor Type** – Defines *what type of records* will be affected by the Automation. For instance, if Trigger Type is 'After Trackor Created' and Trackor Type is 'Job', the current Automation will get triggered every time a new Job record is created.
- **Stop on Filter Match** - This option allows an Automation to stop executing the ordered set of Filter-Actions, when a particular Filter-Action condition is met and executed, instead of processing the remaining Filter-Actions.
- **Enabled** - Entire Automation can be enabled or disabled with this checkbox.
- **Filter-Action**
 - **Filter** – Defines the *actual records* that will be affected by the Automation. Conditions that need to be validated for Automation's Action to take place. This is similar to using a filter in a Trackor Browser grid. The Automation Filter can be used similar to setting a Grid Filter – the conditions in the Filter (Advanced Filter logic is also available) will have to be met (should evaluate to True) for a Trackor/record in order for the Automation Action to occur.
 - **Action:**
 - **Action Type** – Defines the type of Action that will be performed when Automation is triggered and validated. Currently 'Field Update', 'Task Date Update', 'Error Message', 'Field Lock-Unlock', and 'Field Set Color' are supported. For example, if the current Automation has an Action Type of 'Field Update', every time a Job record is created, a configured field will be updated
 - **Order Number** – Defines the order in which the Filter-Action will be executed within the Automation. A lower-order number means the Action will be executed earlier. When no order number is present it will be executed at the end. If multiple Filter-Actions exist with same order, execution order will be random.
 - **Enabled** - An action can be enabled/disabled for testing purposes
 - **Target Field** - The Field that will be updated in the Action.
 - **Action Mode** – A mechanism to set a 'Constant Value' or a value calculated by a 'Formula' or SQL code to a field. Currently, we support only one Action per Automation.
 - **Target Value** - The value that will be assigned to Target Field
 - **Formula, Trackor Types** - Formula can be used to enter PL/SQL code that can be used on selected Trackor Types. These fields are available when 'Formula' option is selected in Action Mode
- **Circular Dependency** - this tab in an Automation shows if there are any instances of circular dependencies between Automations which could cause an endless loop.
- **Automations tab in Configured Fields/Tasks** show a list of Automations where (Automation name) the current field/task is being used and how (Action/Filter/Trigger) it is being used.



For more detailed information on setting up an [Automation](#) please refer to the online documentation.

Topic: Build Automations

API Interfaces

| trackors | | Show/Hide | List Operations | Expand Operations |
|--|---|-----------|-----------------|---------------------------------|
| DELETE | /v3/trackor_types/{trackor_type}/trackors | | | Delete Tracker |
| GET | /v3/trackor_types/{trackor_type}/trackors | | | Read Tracker data |
| GET | /v3/trackors/{trackor_id} | | | Read Tracker data by Tracker id |
| GET | /v3/trackors/{trackor_id}/applets/{applet_id} | | | Read Tracker Applet data |
| GET | /v3/trackors/{trackor_id}/applets/{applet_id}/tabs/{tab_id} | | | Read Tracker Tab data |
| POST | /v3/trackor_types/{trackor_type}/trackors | | | Create Tracker |
| Implementation Notes Creates new trackor. Trackor id and Trackor key of created Trackor will be returned with HTTP 201 status. | | | | |
| Response Class (Status 201) Trackor Created | | | | |
| Model Example Value | | | | |
| <pre>{ "TRACKOR_ID": "10009732798",</pre> | | | | |

Notes:

- Swagger Documentation for all interfaces
- Python wrapper library

Building the User Interface



Create Menu Items

The screenshot displays the OneVizion admin interface. On the left, a navigation tree shows various menu categories, with 'Tracker Browser' highlighted under the 'Info Center' section. The main area shows the 'Edit Menu Item - General' form. The form includes the following fields and options:

- Top Menu --> Info Center**
- Item Type ***: Tracker Browser
- Label Text (#-25234) ***: Maintenance
- URL**: grid/SimpleGrid.do?ModuleName=TRACKOR_BROWSER
- Primary Tracker Type**: Maintenance
- Hide Parents/Children Selector
- View**: [Dropdown]
- Hide View controls
- Filter**: [Dropdown]
- Hide Filter controls
- Visible

At the bottom of the form, there are 'OK' and 'Cancel' buttons.

Notes:

- **Tracker Browser** links in the menu will give users quick access to the Tracker Types they have access to.
- Different **Menus** can be created for different Roles.

Site Maintenance app:

- Administrators will need access to the **Maintenance Type** tracker to setup the templates.
- End Users will only need access to the **Maintenance** instances attached to the **Site**.

Setup View and Filter Options

The screenshot displays the Trackor Browser - Maintenance interface. At the top, there are navigation icons and a search bar. Below the search bar, there are two main sections: 'View' and 'Filter'. The 'View' section has a red box around the 'View' button and a red arrow pointing to the 'Edit' button. The 'Filter' section has a red box around the 'Filter' button and a red arrow pointing to the 'Edit' button. Below these sections, there are two dialog boxes. The left dialog box is titled 'Fields' and 'Columns' and shows a list of fields and columns. The right dialog box is titled 'Filter' and shows a table with columns for field names, operators, and values. The table has one row with the following data: '1', 'Maint:Maintenance Type', '=', 'Generator'. Below the table, there are buttons for 'and', 'or', and a text input field with the placeholder 'Drag&Drop Here or double click for edit'. At the bottom of the dialog boxes, there are 'OK' and 'Cancel' buttons.

Notes:

- It's best to create a small separate targeted view for each task a user needs to do.
- Global Views and Filters can be assigned out to Security Roles.
- You can use data points from any related Trackor Types, or even Workplan Task Dates.

Reports

The screenshot displays the 'Reports' section of the OneVizion application. At the top, there are navigation elements including 'Reports', 'Unsaved View', and 'Unsaved Filter'. A search bar and a 'Report Format' dropdown are also present. A table lists various reports with columns for Report ID, Report Name, Report Format, Report Group, Description, and Purge Period (Days). The 'Report Wizard' button is highlighted with a red box and a red arrow pointing to the modal window.

| Report ID | Report Name | Report Format | Report Group | Description | Purge Period (Days) |
|-----------|-----------------------------|---------------|--------------|-------------|---------------------|
| 100092319 | AWS Cost Estimator | Excel | | | |
| 100094201 | Account Billing | Excel | | | |
| 100092180 | Action Items Report | Excel | | | |
| 100091800 | Applet, Tab, and Field | CSV | | | |
| 100094441 | Backport review (wizard) | Excel | | | |
| 100094221 | Backports review | Excel | | | |
| 100094182 | CSM Monthly Report | Excel | | | |
| 100094141 | Cases - Customer Portal | Excel | | | |
| 100093681 | Cases - Escalation Report | Excel | | | |
| 100093881 | Cases - Need Updates | Excel | | | |
| 100094261 | Cases - No Version Assigned | Excel | | | |
| 100095122 | Cases SLA Report | Excel | | | |
| 100093781 | Cases by Dept | Excel | | | |
| 100093761 | Closed Cases | Excel | | | |
| 100094081 | Component Search | Excel | | | |
| 100094468 | Config Field Summary | Excel | | | |
| 100091879 | Contact List | Excel | | | |
| 100094781 | Customer Contact Report | Excel | | | |
| 100092539 | Customer Utilization | Excel | | | |
| 100093821 | Dashboard-Issues | Excel | | | |

The 'Report Wizard' modal window is open, showing a step indicator '1' and the instruction: 'Please choose action. You may either create new report or modify existing one.' Below this, there is an 'Action *' dropdown menu with 'Create new report' selected. At the bottom of the modal, there are 'Close', '< Back', and 'Next >' buttons.

Notes:

- Report Wizard can create an excel report from a View and Filter
- More complex SQL can be written if something more is needed
- Data fills an Excel template, so any charts or graphs can be done via Excel.

Portals



Portal
G:Maintenance Portal

Site: G:Sites with Scheduled Maintenance | G:General Info | G:All

Search for: S:Site ID Relations:

| S:Site ID | S:Site Name | Maint:Maintenance Class | Maint-Status | Maint:Sc Date | S:Latitude |
|-----------|-------------|-------------------------|--------------|---------------|------------|
| AL13936 | Dittmer | Generator | Scheduled | 06/14/2019 | 32.3943 |
| AL13936 | Dittmer | HVAC | Scheduled | 06/14/2019 | 32.3943 |
| CA10018 | Somerset | Generator | Scheduled | 06/14/2019 | 33.7169 |
| CA10018 | Somerset | HVAC | Scheduled | 06/14/2019 | 33.7169 |
| CA11007 | Metamora | HVAC | Scheduled | 06/14/2019 | 34.1426 |
| AZ15042 | Johnston | Generator | Scheduled | 06/14/2019 | 35.3580 |
| AZ15042 | Johnston | HVAC | Scheduled | 06/14/2019 | 35.3580 |
| AZ15042 | Johnston | Cabinet | Scheduled | 06/14/2019 | 35.3580 |

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| S:Site ID | M:Market | Maint:Maintenance ID | V:Vendor ID | Maint:Maintenance Class |
|-----------|----------|----------------------|-----------------------------------|-------------------------|
| AL13936 | Atlanta | AL13936-0000 | Southeast Generator Service, Inc. | Generator |
| AL13936 | Atlanta | AL13936-0001 | Coolray HVAC | HVAC |
| AL13936 | Atlanta | AL13936-0005 | Heating and Air Unlimited | HVAC |
| AL13936 | Atlanta | AL13936-0003 | RightCab, Inc | Cabinet |
| AL13936 | Atlanta | AL13936-0004 | EIC Solutions | HVAC |
| AL13936 | Atlanta | AL13936-0002 | Roland Power Service Company | Generator |

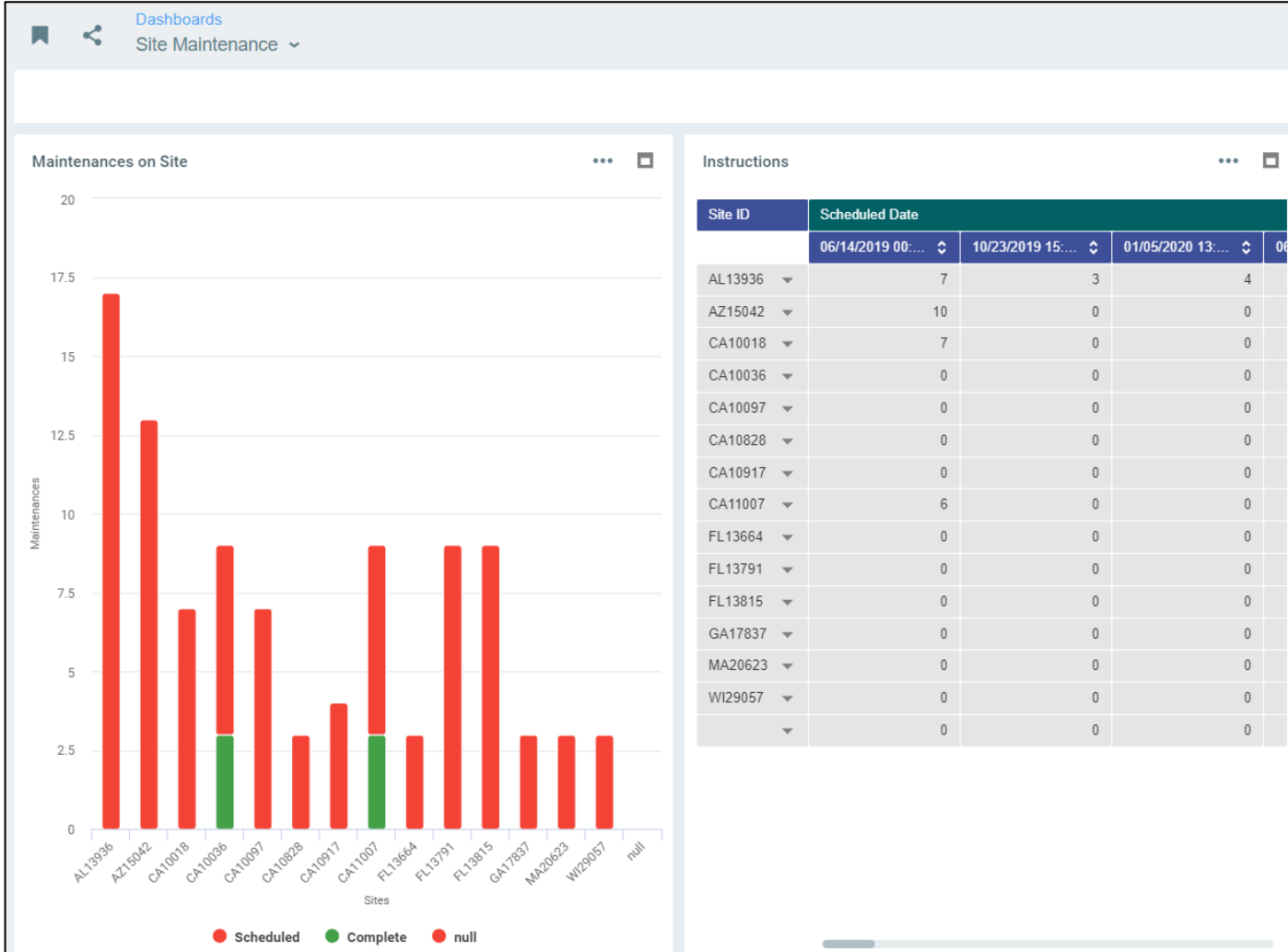
Maintenance Items | G:General Info | G:All

| Inst:Instruction ID | Maint:Maintenance ID | S:Site ID | Maint:Sch... Date | Maint:Maintenance Type | Inst:Instruction Type | Inst:Status | ITInstType:Instruction | Inst:Comments | Inst:Photo 1 |
|---------------------|----------------------|-----------|-------------------|------------------------|-----------------------|-------------|------------------------|---------------|--------------|
| AL13936-0001-000 | AL13936-0001 | AL13936 | 06/14/2019 | HVAC | HVAC-000 | | Verify Settings | | |
| AL13936-0001-001 | AL13936-0001 | AL13936 | 06/14/2019 | HVAC | HVAC-001 | | Check Filter | | |
| AL13936-0001-002 | AL13936-0001 | AL13936 | 06/14/2019 | HVAC | HVAC-002 | | Test AC | | |
| AL13936-0001-003 | AL13936-0001 | AL13936 | 06/14/2019 | HVAC | HVAC-003 | | Test Heat | | |

Notes:

- Can contain Trackor Browser grids, Applets, Dashlets, or Task grids.
- Frames can be automatically filtered based on selections in other frames.
- Great way to group related data together for user input.

Dashboards



Notes:

- Dashboards are driven by a single SQL query.
- Different Dashlets can slice the data in different ways for different visualizations.
- Dashlets can be bound together for filtering when drilldowns are done.

Edit Security Role - Security Groups Unsaved Filter

Search for Description

| Security Group | Type | Description | Privileges | | | | |
|------------------------------|----------------|------------------------|-------------------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|
| | | | Read | Edit | Add | Delete | None |
| InstructionType_GENERAL_INFO | Configured Tab | [Instruction Type] Tab | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Privilege description:

Read - Tab is accessible in read-only mode.
Edit - Tab is editable.
Add - *Privilege is not applicable.*
Delete - *Privilege is not applicable.*

Notes:

- Security is handled down to the **Tab** level
- Clicking on the flag beside gives a description of what each Privilege does.
- Menus, Global Views and Filters and other things can be assigned to each **Security Role**

Site Maintenance App

- **Maintenance Admin** Role for an Admin to maintain the **Maintenance Types**
- **Site Maintenance** Role for Users to be able to make new **Maintenance** sessions on individual **Sites**.

OneVizion

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OneVizion Documentation

For more information regarding these topics,
visit wiki.onevizion.com

Thank You