



# ExtraView 20.0

## Key New Features

This document is provided to ExtraView's customers under non-disclosure and for information purposes only. Its contents must not be shared with third parties without the permission of ExtraView Corporation.

# New Release Number Scheme

Beginning with this version, ExtraView release numbers are based on the year, plus a sequence number.

This version is 20.0, for the first release of the year 2020.

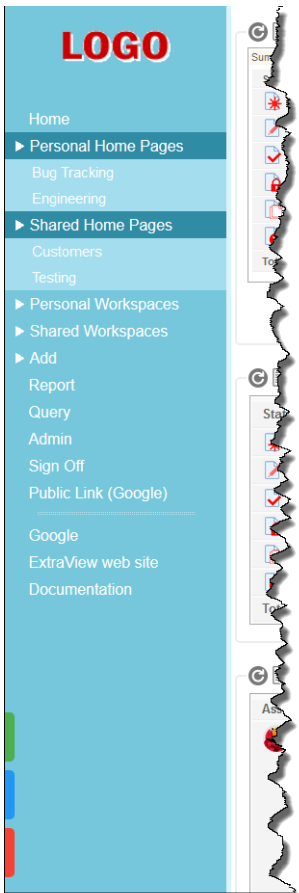
# User Interface Improvements

- New and improved user interface themes
- Improved styling of fields within themes
- Multiple Home Pages can be defined, both shared and for personal use
- New “Gateway” user interface with customizable menu to access multiple ExtraView sites and applications external to ExtraView
- Field list values and users may now display images on all screen forms and reports
- Improved presentation of Related Issue Displays
- Improved navigation within modal popup windows
- Several new alternatives for the style of accordion folds

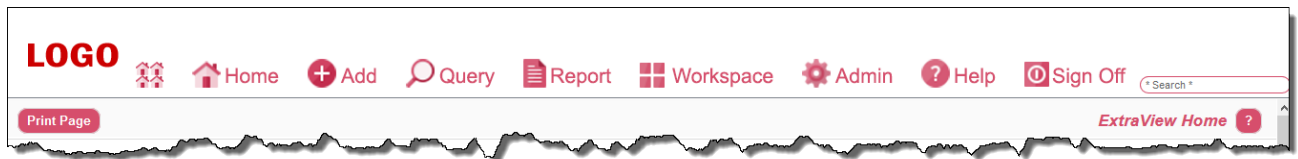
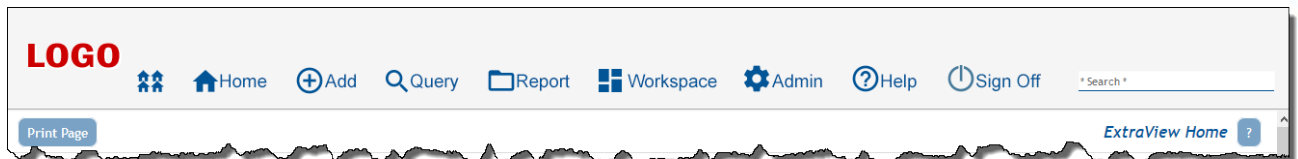
# User Interface Improvements (continued)

- Option to only display HTML Area toolbars with a single mouse click
- Enumerated lists have additional display options, e.g. as a shaded block for each value
- Browser tab titles may now be configured to the administrator's specification
- Improved presentation of popup calendars
- New and improved styling of tab fields
- Improved styling of the auto-complete popup on *add* and *edit* screens

# Navigation Improvements









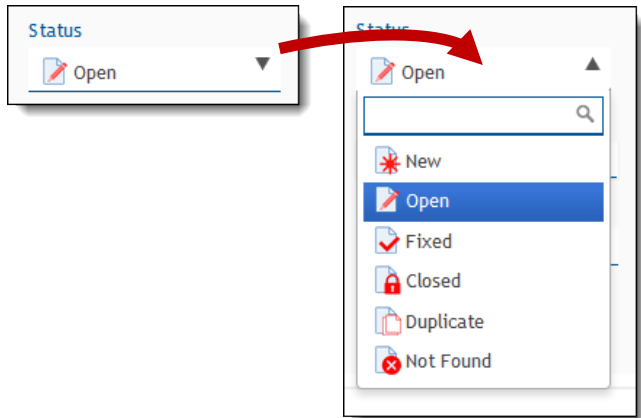
Gateway Navigation



New Style Alternatives

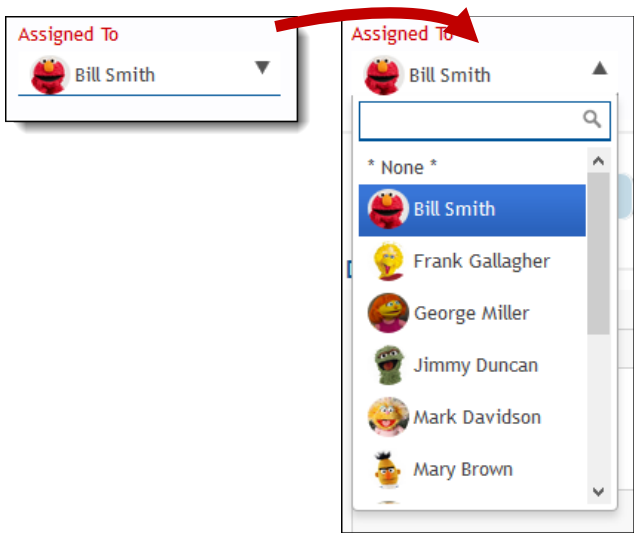
# Lists with Images

Summary of Statuses		
Status ▲	Total ▾	Percent ▾
 New	160	55.7%
 Open	21	7.3%
 Fixed	61	21.3%
 Closed	29	10.1%
 Duplicate	8	2.8%
 Not Found	8	2.8%
<b>Total</b>	<b>287</b>	<b>100.0%</b>



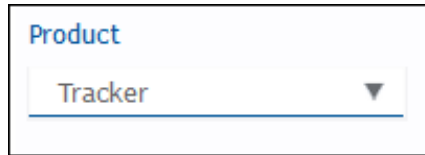
Images may be associated with all list values

Assigned To ▲	Product ▲	Total ▾
 Bill Smith	Tracker	4
	Tracker Enterprise	1
	Sub-Total	5
 Chris Robinson	Tracker	1
	Tracker Enterprise	4
	Sub-Total	5
 Jimmy Duncan	Tracker	3
	Tracker Enterprise	2
	Sub-Total	5
 John Customer	Tracker Enterprise	1
	Sub-Total	1
 Mary Brown	Tracker	2
	Sub-Total	2
 SCM Daemon	Tracker Enterprise	1
	Sub-Total	1
 Susan Green	Tracker Enterprise	2
	Sub-Total	2
<b>Total</b>		<b>21</b>

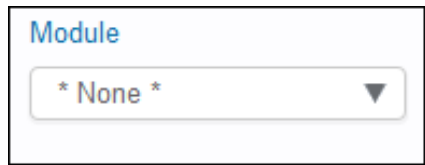


This includes user's images which they upload into their account profile

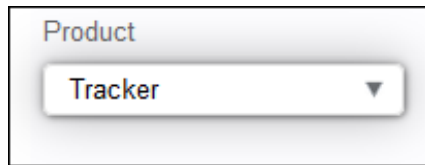
# Input Field Styles



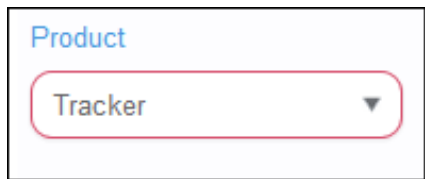
Product  
Tracker ▼



Module  
\* None \* ▼



Product  
Tracker ▼



Product  
Tracker ▼

Range of styles for input fields

- Square border
- Small rounded corners
- Large rounded corners
- Underlined

Highlighting of fields with focus

All list fields across all browsers have the same look-and-feel

# Multiple Home Pages

The screenshot displays the ExtraView software interface. At the top is a navigation bar with buttons for Home, Add, Query, Report, Workspace, and Admin. A sidebar menu is open, showing options for Bug Tracking (Role: Administrator, Business Area: Bugs), Reports (\* Select a report \*), Save Home Page, Save As a New Home Page, Create New Home Page, Close Home Page, Personal Home Pages (Bug Tracking, Engineering), Shared Home Pages (Customers, Testing), and Account: Bill Smith. The main content area features a bar chart titled "Assigned Bugs" showing data for Bill Smith, Frank Gallagher, George Miller, and Jimmy Durkin. Below the chart is a table with columns for Status and counts for P 1 and P 2.

Status	P 1	P 2
New	5	
Open	3	

- Each Home Page can define a separate set of:
  - Business Areas
  - Projects
  - User Roles
  - Reports
- Access each Home Page from a button on the navigation bar
- Home Pages may be shared or may be only for personal use



# Gateway Interface

The screenshot displays the Gateway Interface. On the left is a vertical navigation menu with a blue background and white text. At the top of the menu is a red 'LOGO' placeholder. Below it are several sections: 'Home', 'Personal Home Pages' (with sub-items 'Bug Tracking' and 'Engineering'), 'Shared Home Pages', 'Personal Workspaces', 'Shared Workspaces', 'Add' (with sub-items 'Add New Bug', 'Add New Test Plan', 'Add New Test Case', 'Add New Customer'), 'Report', 'Query', 'Admin', 'Sign Off', 'Public Link (Google)', 'Google', 'ExtraView web site', and 'Documentation'. On the right side of the interface, there are three summary panels with a white background and a torn-edge effect on the right side. The top panel is titled 'Home Page Dash' and contains a 'Summary of Statuses' table. The middle panel is titled 'Bugs by Priority' and shows a list of status options. The bottom panel is titled 'Assigned to you' and shows a list of assigned users.

Status	Total
New	160
Open	21
Fixed	61
Closed	29
Duplicate	8
Not Found	8
<b>Total</b>	<b>287</b>

Status
New
Open
Fixed
Closed
Duplicate
Not Found
<b>Total</b>

Assigned To
Bill Smith

- Acts as a portal to different ExtraView instances or to different Internet applications
- Configurable via the Navigation Bar utility
- Add multiple shared and personal Home Page buttons
- Add multiple shared and personal Workspace buttons
- Add all other standard navigation buttons
- Add personal links to other ExtraView sites or other Internet applications

# Workflow

- Significant new feature to allow surveys to be created and completed
- The toolbar on HTML Area fields may be hidden and accessed with a single mouse click, to simplify screens
- The toolbar on HTML Area fields may be configured differently, field-by-field, as opposed to globally
- Option to automatically display search results from related issues within an add/edit screen when first displayed, as opposed to requiring the user to click a search button
- Related Issue Display results are now searchable
- Enhanced ability of rules to send out email templates
- Option to hide the Add Attachment button to force processes to use the Associate Attachment option on text and HTML Area fields

# Workflow (continued)

- Additional drag-and-drop options to move totaled information between Matrix and Summary reports
- Support for wildcard querying on popup field lists
- New configuration option to allow issues to be saved without completing required fields
- The Help Text associated with each field on an *add* or *edit* screen may be set differently, as opposed to the same help appearing everywhere
- Auto-population of allowed values
- Automatic phone number formatting for all countries

# Surveys

The screenshot displays a survey form with the following elements:

- Navigation buttons: "Previous" and "Next".
- Form title: "Host OS".
- Question 001: "Is a minimal, container-specific host operating system used? Which host OS?" with a dropdown menu set to "\* None \*".
- Question 002: "Is vulnerability scanning and remediation implemented on the container host OS? If yes, please describe." with a dropdown menu showing options: "\* None \*", "Doesn't Meet", "Fully Meets", "Partially Meets", and "N/A".
- Question 003: "How many users have access to administer the container host OS?" with a dropdown menu set to "\* None \*".
- Question 004: "How often is authorization to access the container host OS reviewed?" with a dropdown menu set to "\* None \*".
- Each question has a "Required" indicator in a red box.
- Each question has a rich text editor with a toolbar containing icons for bold, italic, underline, link, unlink, text color, background color, bulleted list, numbered list, indent, outdent, link, unlink, font size, and text size.

## Easy to create surveys / questionnaires

- Maintain multiple questionnaires, each with an unlimited number of questions
- Each question is simple to configure with many options as to how the response is to be made
- Configurable workflow to compose and provide approvals for each questionnaire and to gather all responses
- Summarization and analysis of responses with many styles of reports

# Reporting

- Reports within workspaces now auto-refresh when the data within underlying issues is altered
- Filter the output of column reports on the results page by clicking on column title and choosing the filter values
- New report favorites option to minimize searching through the report tree
- Matrix reports may contain values within the output cells as opposed to counts and summations
- Scheduled reports may specify a user different to the person setting up the schedule as the sender
- Additional timetable options to specify when scheduled reports should run
- Reports now output Excel .xlsx files as opposed to .xls files
- New “Save & Continue” within report editors

# Report Favorites

[Print Page](#)

### Create New Report

- New column report
- New summary report
- New matrix report
- New aging report
- New calendar report
- New planning report
- New chart
- New taskboard report
- New treegrid report
- New dashboard report
- New custom URL report
- New container for existing reports
- New layout for existing reports
- New geospatial report
- New admin report

### Output Options

Output to saved format  100 rows per page

### Saved Reports

[Manage User Groups](#) [Manage Scheduled Reports](#) [Manage Report Folders](#)

Title	Description
* Search *	* Search *
<b>My Favorites</b>	
<b>Edit</b> Assigned to you	Issues assigned to you by product
<b>Edit</b> Customers with Contacts	Sorted Alphabetically
<b>My Reports</b>	
<b>Public Reports</b>	
Bug Reports	
Customer Reports	
Dashboard Reports	
General Reports	
Release Reports	
Test Case Management Reports	



# Search within Lists

21:50 PM PDT

sted - Passed; Tested - Failed; Closed; Duplicate; Not Found

Product	Module	Severity	Title
ckcr Enterprise	API		file has an error - cloned issue
ckcr	CLI		st issue for planning report
ckcr	CLI		translation engine
ckcr	Database		h the GUI widget
ckcr	Database		blem with this computer
ckcr	Database		come the title in ExtraView
ckcr	Database		ow job in P4 being mapped to EV
ckcr	Database		title for all to see
ckcr	GUI		new java file changes
ckcr	GUI		User requests information on how to format text

Module

  
\* None \*  
\* Select All \*  
 API  
 CLI  
 Database  
 GUI  
 Processor  
 Server

- Click on the title of any list field to popup search list
- Search for, or use checkboxes to select values to use as filters for the report output

# Administration

- New mechanism to define layout-level attributes, for example allowing the styling and spacing of all fields within a column or within a row on an *add* or *edit* screen form
  - TITLE STYLE
  - TITLE SIZE
  - TITLE HTML MODIFIER
  - VALUE STYLE
  - VALUE SIZE
  - VALUE HTML MODIFIER
- New conditional layout cell attributes to better style individual fields within screen forms
  - HIGHLIGHT VALUE IF
  - LABEL TAG IF
  - STYLE IF



# Administration (continued)

- Specify multiple conditions when adding layout cell attributes, not just a single condition
- ADMIN NOTES – Allow the administrator to document fields and their attributes' purpose
- The SCREEN NAME is now available as a pseudo-field within Layout Cell Attributes, reducing the need for different layouts for different screens
- The Data Dictionary has a new tab which displays the names of all reserved field names
- Two way mapping of form values to user information to enable standard screen layouts for user administration
- New Business Rule Actions
  - CREATE USER – create new users within screen forms
  - UPDATE USER – update user accounts within screen forms
  - ESTOP – configurable popup screen when submitting a screen form

# Additional Logic on Cell Attributes

Update Cancel Print Page Layout Cell Attribute ?

Attribute REQUIRED IF

Description This layout cell attribute sets up the field to be required based upon the value of another field. Provide the field name on which the condition is to be based, the equivalence and the value of the field.

Field Name RESOLUTION

Select Field	Operator	Value
<input type="text" value="STATUS(Status)"/>	equals	<ul style="list-style-type: none"><li>Tested - Passed</li><li>Tested - Failed</li><li>Open</li><li>Fixed</li><li><b>Closed</b></li></ul>
<input type="text" value="or"/> <input type="text" value="STATUS(Status)"/>	equals	<ul style="list-style-type: none"><li>Not Yet Tested</li><li>Tested - Passed</li><li>Tested - Failed</li><li>Open</li><li><b>Fixed</b></li></ul>

- Layout cell attributes now support complex expressions
- Multiple expressions
- AND and OR conjunctions
- Support for parentheses within the expressions
- Eliminates the need for many business rules and more complex configurations

# Administration (continued)

- Business rules now support OR and parentheses within statements to complement AND operations
- Business rules may create calendar (iCal) events when sending email templates
- Multiple Quickfind indexes may be defined to facilitate the updating of the underlying index files without needing system downtime
- Export lists with images to facilitate importing the lists and images into different fields or different ExtraView sites

# API & Integrations

- Integration with the iCal calendar format – meetings may be scheduled, updated and deleted within the ExtraView workflow
- New API call to extract images embedded within HTML Area fields