RayFlow®

RayFlow 4.0
Release Notes

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Release Notes RayFlow 4.0

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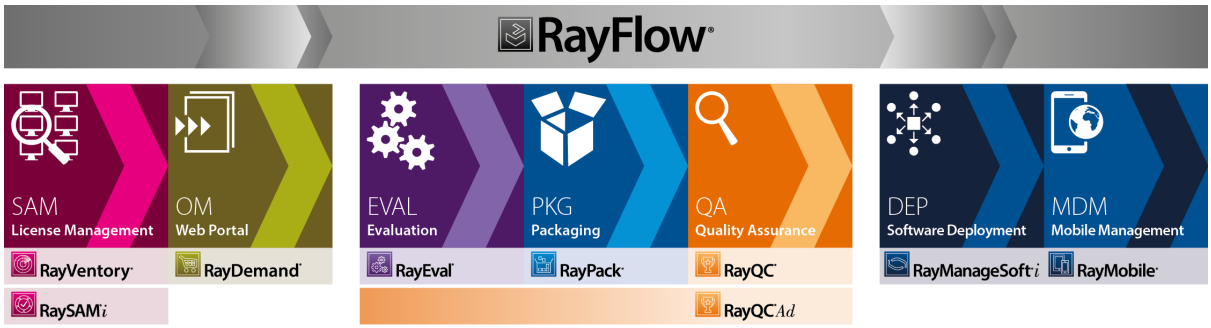
Introduction

This release of RayFlow 4.0 provides both, functional improvements, as well as fixes for known issues from prior versions. RayFlow is available as a stand-alone product as well as can serve as the backbone for RaySuite Enterprise Solution.



Enterprise Application Lifecycle Management

Visit www.raynet.de for further information regarding the product and current community incentives.

Raynet is looking forward to receiving your feedback from your RayFlow experience. Please contact your Raynet service partner or write an e-mail to sales@raynet.de to add your ideas or requirements to the RayFlow development road map!

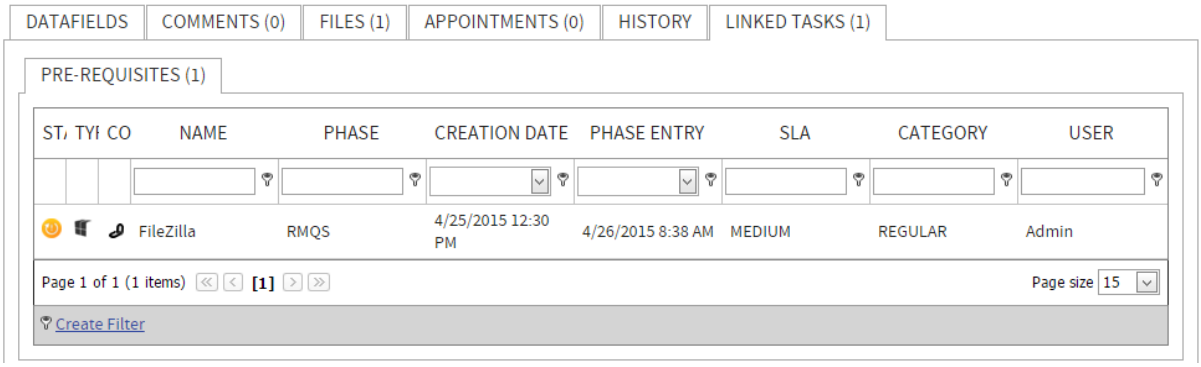
New Features & Improvements

Use of Custom Field within Custom Filter

Custom Filter functionality in RayFlow, allows a user to define custom filter criteria's for filtering tasks and then executing the desired operation on them e.g. Batch Processing. With the release of this version, a user will have an ability to use custom fields in RayFlow defining the filter criteria.

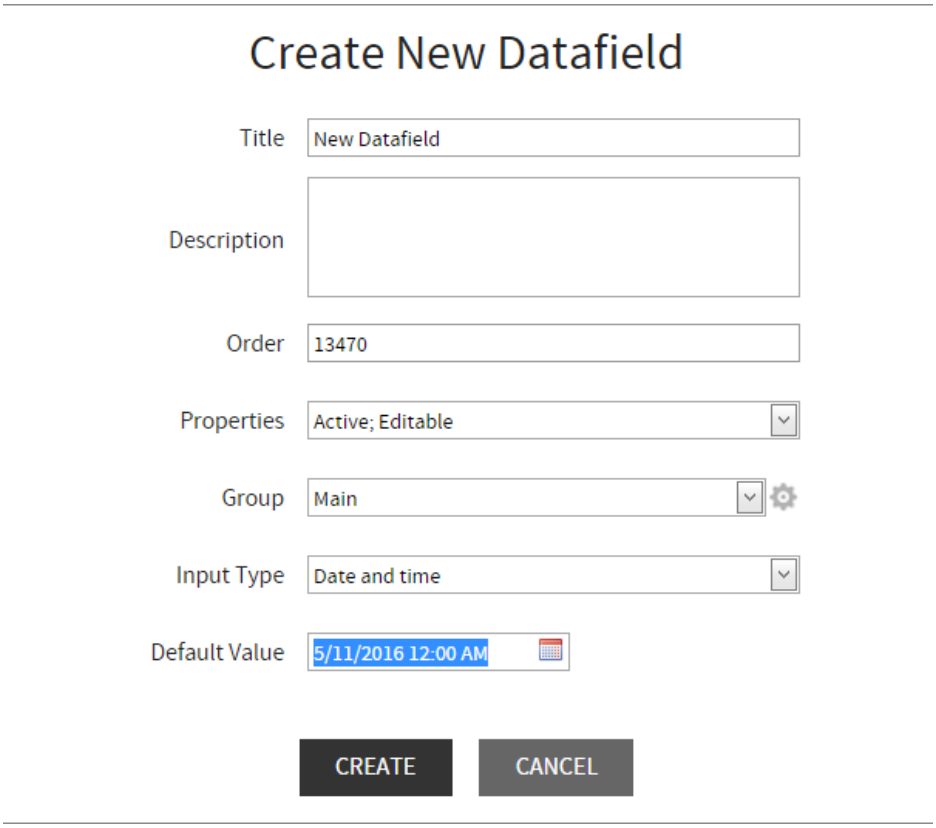
Linked Task

The Linked Task feature in RayFlow allows users to link tasks within a project. The linked tasks can be arranged in user defined groups i.e. while linking a task or tasks, a user need to specify the group to which those tasks will belong to. This is meant to enable users to define different categories of task which are linked to a specific task.



Date Time and Date as Data Field

A user has now ability to create data fields of type Date and Date with time. Additionally, a user can use the rich date and time selector to set a default value for the data field.



Menu Selector Component

Previously, for adding a new menu item to a new permission group, a user was required to manually enter the link of the desired item. Now all the available menu items are available to users in form of a drop-down menu. This improvement is meant to reduce the effort required by RayFlow Administrators, while defining a new permission group.

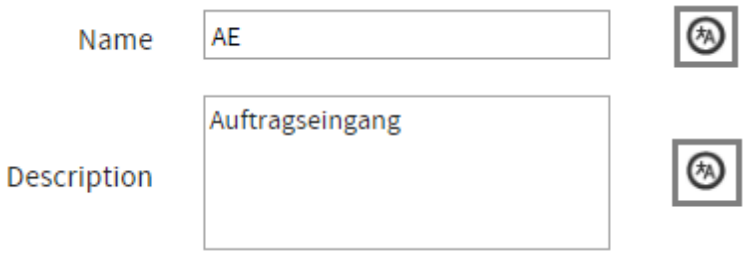
Task Lock

The Task Lock feature simply prohibits another user from editing a task. The respective task will be visible to users, who have at least view permission to the phase in which the task is located, however they will not be able to edit it.

As shown in the image below, a task which is locked by a user shows following message, as part of the task property.

User Defined Configuration Localization

Ability to localize RayFlow web interface was introduced in RayFlow version 2.1. However this feature did not offer a possibility to localize user defined configurations. With release of this version, a user will now be able to localize custom configuration properties. Each of such properties e.g. phase name, description, data field name etc. will have a localization icon shown next to it.



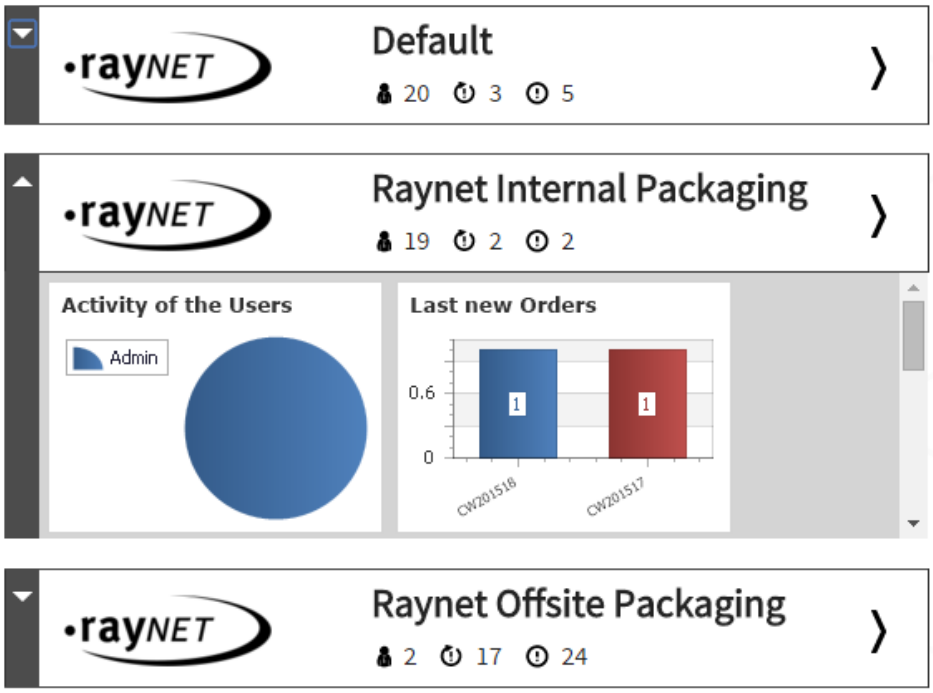
Selecting this icon will open a localization dialog, where a user can define the translation for configuration name property, for supported languages.

Grouping of Data Fields

Within the phase configuration view, the data fields belonging to that respective project are grouped based upon their assigned group. Additionally, with group configuration option, a user can define editing and mandatory property for all the data fields within it.

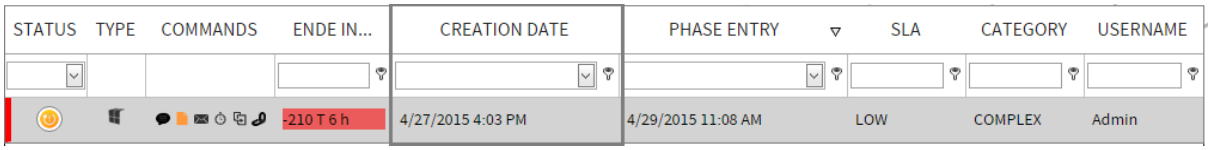
Project Overview

A user can now view quick reports related to the projects to which he is assigned directly from the project selection page. Additionally, each of the quick report can simply be clicked upon and it will take the user directly to the Quick Reports page.



Task Creation Date

A user will now be able to view the task creation date along with phase entry date and time, as default column header of the task list within a phase.



Developer Notes

Changes to the RayFlow Web Service

RayFlow Web Service has been changed to support the new features which has been introduced in this release. Following is an overview of the major changes implemented:

New methods:

- **Task linking**
  - `RayflowUpdateResult wsJoinTopic(Guid topicId, RayFlowTopicMemberType type, Guid memberId, out string errorMessage);`
  - `RayflowUpdateResult wsLeaveTopic(Guid topicId, Guid memberId, out string errorMessage);`
  - `RayflowUpdateResult wsUpdateTopic(Guid topicId, RayFlowTopicMemberType allowedTypes, string topicName, out RayFlowTopic updatedTopic, out string errorMessage);`
  - `RayflowUpdateResult wsUpdateTopicMembers(Guid topicId, Guid[] taskMemberIds, Guid[] userMemberIds, out string errorMessage);`
  - `RayflowUpdateResult wsCreateTopic(RayFlowTopicMemberType allowedType, RayFlowTopicType type, string name, out RayFlowTopic topic, out string errorMessage);`
  - `RayflowUpdateResult wsRemoveTopic(Guid topicId, out string errorMessage)`
- **Task locking**
  - `RayflowUpdateResult wsLockTaskRefresh(Guid taskId, out RayflowTaskLock taskLock, out string message);`
  - `bool wsIsTaskLocked(Guid taskId, out RayflowTaskLock taskLock);`
  - `RayflowUpdateResult wsLockTask(Guid taskId, out RayflowTaskLock taskLock, out string message);`
  - `RayflowUpdateResult wsLockTaskRelease(Guid taskId, out string message);`

Changed methods:

- `string wsGetUserPermissions(Guid projectId, out Guid[] viewablePhases, out Guid[] editablePhases, out Guid[] downloadablePhases);`

Removed methods

- None

Definitions

New classes:

- `RayFlowParameterGroup`
- `RayFlowTaskType`
- `RayflowTaskLock`
- `RayFlowTopic`
- `RayFlowTopicHistoryEntry`
- `RayFlowTopicMember`

- RayFlowTopicAction
- RayFlowTopicType

Changed classes:

- **New properties**
    - RayFlowPackage
        - RayFlowTaskType TaskType
        - List<RayFlowTopic> Topics
    - RayFlowPackageFile
        - FileName
    - RayFlowParameter
        - Guid ParameterGroupId
    - RayFlowAction
        - Guid TaskId
    - RayFlowWorkFlow
        - List<RayFlowParameterGroup> ParameterGroups
        - List<RayFlowTaskTypes> TaskTypes
- **Removed properties**
    - RayFlowTask
        - bool IsEditor
        - bool IsViewer

Removed classes:

None

Enums

New enums

- RayFlowTopicMemberType

Changed enums

- RayflowParameterType
    - Added option: Date
    - Added option: DateTime

Removed enum

None

Resolved Issues

Following issues have been resolved in RayFlow 4.0:

RF-240 When SQL authentication is being used, crystal reports provides a login section each time you want to run such a report.

RF-940 Wrong spelling in MSI Installer

RF-1451 Database connection string is not updated

RF-1503 Custom fields not displayed in tracking

RF-1587 Phase and MyTasks view - Status column name is missing

RF-1818 CSV Import: Not possible to change column position or to add comment column while no import file is uploaded

RF-1884 NewTask > Import - JavaScript alert on choosing comment column

RF-1917 Change validation tooltip for Email fields

RF-1995 Job persistence not working for FileUploadAction with larger files

RF-2017 NewTask - Tab control is not correctly loaded sometimes (Only Firefox)

RF-2034 Menu entries must be visible in order to access to the desidered page

RF-2117 Rayflow 2.0 out of memory Error

RF-2183 CSV import action does not utilize the default values of a given datafield.

RF-2246 No validation for fields in configuration-Basic configuration -->Message settings

RF-2264 Add function call logging and debug output

RF-2267 Add function call logging and debug output

RF-2373 Copy standard project execution (on all features) logs tons of Errors

RF-2389 No empty option for Drop down list

RF-2448 Phase View: Files tab - Deploy with RayManageSoft-Popup is cut off

RF-2458 German Email Templates: Placeholder content in English

RF-2466 Phase view: Grid table page has not been followed the selected task on changed column sorting

RF-2471 Quick reports: Print/Save button click result in endless loading

RF-2474 Item separator "|" showed small

RF-2477 Configuration Datafields - New created datafield is selected after creation but the selected page is wrong

RF-2488 Task Label in Tracking should be configurable

RF-2490 Workflow configuration: New events with already existing names can be created

RF-2498 SLA Editor: Extend validation on Alert property to positive decimals

RF-2530 Event and Condition dropdown list refers to the term "Package" instead of "Task"

RF-2531 Static Pages Grid: Last column is draggable

RF-2535 Global datafields not positioned right in grid

RF-2538 You can't call data field configuration anymore if you type to big number into order field

RF-2541 Text of default email templates refers to the term "package" instead of "task"

RF-2548 Workflow: It is possible to create two actions with same order number

RF-2557 Upgrade to task factory, view permission for create phase required

RF-2594 Clearing selected project logo image doesn't work

RF-2605 Datafields Configuration Tab: Edit Group in Group Configuration impossible

RF-2606 PropertiesService sometimes not showing all properties after project copy/import

RF-2607 Status Configuration: No validation on creating status with already existing name

RF-2610 PermissionService.GetAccessibleRoles fails on user without any group assignments

RF-2613 Basic project template workflow configuration

RF-2614 Extended project template workflow configuration

RF-2616 Batch processing, disabled users are shown

RF-2619 Email Templates - Create button is available also when all 5 (per languages) events have been created

RF-2621 Client: Task Order - Default value of checkboxes are not set

RF-2624 Email Templates - Users in Package reassigned email template are not enclosed between single quotes

RF-2625 My Profile, My Tasks Liste im Dashboard inkonsistent

RF-2626 Phase view - No possibility to upload two files sequentially

RF-2627 Phase view - Cancel button under the files tab doesn't work after uploading a file

RF-2633 Phase view - Wrong error message on accepting a task by user with only view rights

RF-2634 Phase view - Appointments marked as not visible are listed before the appointments marked as visible

RF-2638 CSV import doesn't support checkbox datafields

RF-2640 Phase view, saving datafields/changing status performance

RF-2647 Renaming users can lead to uncought exception on existing appointment

RF-2648 Batchprozessing works not correctly

RF-2650 Quick Reports - Remove create phase from "Tasks by Phase" chart

RF-2661 MyProfile: Language Settings - Current Timezone has a numeric default value instead of the current timezone

RF-2667 Changed values for users wont be updated in MyProfile

RF-2705 Bad performance on History tab

RF-2719 Custom filter for tracking

RF-2720 Profile section: Appointments list - appointments are not ordered correctly

RF-2736 Empty/New Project - Unable to create a status manually

RF-2738 Full length of Phase tiles are not displayed (-4 chars)

RF-2743 MSI-Function for filling datafields does not work(Client)

RF-2745 RayFlow is not working correctly if multiple worker processes per application pool are enabled

RF-2748 My Appointments (in project context) - "Download all appointments..." file keeps instance-wide data

RF-2752 In tracking are only tasks in workflow visible

RF-2753 First run of rayflow client takes very long > 5 minutes

RF-2754 Images in Crystal reports not visible

RF-2755 My Appointments (in project context) - "Send all appointments..." sends instance-wide appointments

RF-2760 Batch Processing - Successful job on big file upload shows Error message and log

RF-2761 Batch Processing - Failed job on giant file upload shows no Error message or log

RF-2780 Datafields with visible property are always visible in all phases

RF-2782 Add RayFlow version and database version to logfile on startup

RF-2784 Unfavorable space relationship in the task list

RF-2791 QuickReport labels overlapping and not readable

RF-2795 Error on using batch processing with mandatory data fields

RF-2796 Task history tab - Uploaded files not journalized (Web only)

RF-2799 Package Path basic configuration - Non-textbox datafields are offered as options

RF-2806 Add custom fields to My Tasks and Batch Processing

RF-2809 Add task entry date to task grids

RF-2813 Add active user column to Batch Processing

RF-2814 Use custom fields in custom filters

RF-2824 Workflow - Create Action shows default value 0xxx

RF-2825 Unassigned user causes error

RF-2826 Cannot cleanup project

RF-2830 Datafield configuration - Change from single to multiline textbox not recognized

RF-2835 Phase view - Commands column can be filtered in the filter builder

RF-2849 My Appointments - Error when trying to edit multiple appointments at once

RF-2851 Phase configuration, state of editable checkbox for global datafields

RF-2852 Phase configuration, editable checkbox is not cleared when selecting editable group

RF-2865 Out of memory on task creation with file

RF-2867 Error while uploading large files

RF-2870 The RFC waits when a tool is run in standalone mode

RF-2880 Upgrading to task factory does not add default task type

RF-2883 AD user import, user is created with wrong domain when using LDAP filter

RF-2884 AD user import can only import from the default Users group

RF-2902 "No RayFlow member found for user" error after upgrade from 1.11

RF-2904 XAML parsing error on displaying TaskControl

RF-2929 File upload using IIS virtual directories not working

RF-2931 Files with & in file name can't be downloaded

RF-2949 Link to support panel incorrect

RF-2966 Migration - Required datafield are migrated as optional datafields

RF-2985 Status and workflow configuration fails for a new vanilla project

Known Issues

This lists the known issues added by this release of RayFlow Web:

RF-3023 Phase Configuration: Datafields of disabled datafield groups are not displayed

RF-3026 ActivationTool - Warning shown after successful activation

RF-3077 Project import fails if the template contains email templates

RF-3081 Batch Processing: Notifications on datafield change are send multiple times

RF-3118 Not all non-alphanumeric characters are accepted for user passwords

RF-3109, RF-3110, RF-3111, RF-3112, RF-3113 Translations for user content (phases, SLA, category, status, datafields) are not used everywhere in the UI

System Requirements

Hardware Requirements

Minimal

- Minimum disk space required: 120 GB
- Minimum RAM required: 1GB
- Pentium 4, 2.4 GHz Processor
- Network 100Mbit

Recommended

- CPU Intel Core i5 or i7
- 8GB RAM
- Disc Space: 500 GB RAID 10 (4x250GB)
- Network 100Mbit

Prerequisite Software

The following are the minimum software requirements for the installation and running of RayFlow 4.0.

- Windows Server 2008 SP2 or higher
- Microsoft SQL Server 2008 or higher
- IIS 7 or higher
- .NET 3.5 for SQL Server
- .NET 4.5

Note:

Minimum server requirement for .NET Framework 4.5 is Windows Server 2008 SP2. Further information on system requirements for .NET Framework 4.5, can be found under the following link: https://msdn.microsoft.com/en-us/library/8z6watww%28v=vs.110%29.aspx

- Microsoft Report Viewer Runtime (Required to view SSRS Reports)

Please refer to the following links for system requirements related to different versions of Microsoft Report Viewer Runtime

Microsoft Report Viewer 2012 Runtime

http://www.microsoft.com/en-us/download/details.aspx?id=35747

Microsoft Report Viewer Redistributable 2008

http://www.microsoft.com/en-us/download/details.aspx?id=577

- Crystal Report Runtime 2010 13.0.14 (Only required if Crystal Reports are used for reporting)

Supported internet browsers:

- Microsoft Internet Explorer™ version 9.0 and newer
- FireFox version 3 and newer
- Chrome
- Microsoft Edge
- It is recommended to use a screen resolution of at least 1024x768 pixels.
- Although other browsers might work they are not officially recommended.

RayFlow Upgrade

Detailed information pertaining to upgrade of RayFlow Server and client from their previous version to this release is provided in the RayFlow Installation Guide. For assistance in this regard, please contact our Raynet Support Team.

Changes to the RayFlow Licensing Model

If you are migrating from RayFlow 2.x or earlier, your existing license data will not be recognized by version 4.0. In order to use RayFlow 2.1 you have to reactivate RayFlow using the same order number, and the necessary license information will be automatically downloaded from the server. This operation requires that you have a valid maintenance for the product. Contact our support to get help regarding migration and licensing themes.

Additional Information

Further information regarding RayFlow can be found in several resources which are available.

- The Operations Supplement provides information about third-party software and libraries redistributed with RayFlow.
- The Administration and Configuration Guide provides detailed information about RayFlow.
- The product website https://raynet.de/en/Raynet-Products/RayFlow provides information about the product, news, and support.
- Raynet and its partners offer a range of training courses that can also be customized to meet your requirements. For more information on these courses, speak with your Raynet consultant or contact the Raynet Sales department via sales@raynet.de.

About Raynet

Raynet GmbH is a leading and innovative service and solution provider in information technology and specialized in the architecture, implementation and operation of all tasks within "Application Lifecycle Management". Raynet's Headquarters is in Germany and presently has more locations in Germany, USA, Poland, UK and Belgium.

For over 15 years, Raynet has supported hundreds of customers and partners with its products and solutions for enterprise application management projects worldwide. These include license management, software packaging, software deployment, migrations, client engineering and much more. Additionally, Raynet maintains and cultivates strong partnerships with leading companies in Application Lifecycle Management.

Raynet products and solutions are unique in design and functionality. Their development is highly driven by our customers and partners who play a big role in the development of our products and are a key reason why our products are always cutting edge. Whether you want to introduce a new deployment tool or to start a SAM project, whether you want to plan a packaging factory or do a migration – Raynet is the choice for best-of-breed-practices in services, products, and solutions for Application Lifecycle Management.

Next Steps
For more information, please visit our website: www.raynet.de or contact our sales team on +49 5251 54009-0 or sales@raynet.de

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