



**MERCURY  
PERMITTED CUSTOMISATIONS**



# Permitted Customisations to Mercury

 This document is classified as PUBLIC. It may be disclosed or passed to persons outside the organisation. The latest public version can be found at <https://wearemercury.com/permitted-customisations/>

This document provides guidelines and rules governing the nature of customisations that are deemed permissible to the Mercury solution.

## Contents

- Contents
- 1. Purpose, Scope, and Audience
- 2. Associated Documents
- 3. Glossary of Terms
- 4. Overview
- 5. Why Guidance is Required
- 6. Support and Maintenance Considerations
  - 6.1. Mercury does not provide support for customisations
  - 6.2. “Permitted” is not a guarantee of compatibility
  - 6.3. Unmanaged changes in Production environments are at Customer’s risk
  - 6.4. Elevated levels of support will incur charges
  - 6.5. Development Environments
- 7. Core Principles
  - 7.1. Only make modifications that are explicitly permitted
  - 7.2. Always favour configuration
  - 7.3. Adopt a formal Change Management process
  - 7.4. Follow Best Practice for Solution Management
  - 7.5. Do not change or disable Mercury-managed components
  - 7.6. Avoid solution dependencies on Mercury-managed components
  - 7.7. Package Entity Model changes separately
  - 7.8. Consider future updates and support
  - 7.9. Do not reference “xDNU” components
- 8. Rules for creating customer-owned components
  - 8.1. Data Model
  - 8.2. User Interface
  - 8.3. Business Logic
- 9. Considerations for Data Model
  - 9.1. Tables
  - 9.2. Relationships

- 9.3. Calculated Fields
- 9.4. Rollup Fields
- 9.5. Columns (Attributes)
- 10. Considerations for Forms
  - 10.1. Mercury-managed Controls, Sections and Tabs
  - 10.2. Customer-owned Controls, Sections and Tabs
  - 10.3. Merging & Merge Conflicts
  - 10.4. Cloning Forms
  - 10.5. New forms
  - 10.6. Form Event Registrations
- 11. Considerations for Business Logic
  - 11.1. API Limits
  - 11.2. Avoid Indiscriminate Triggers and Unnecessary Updates
  - 11.3. Power Automate / Cloud Flows
- 12. Security Roles and Column Security Profiles
  - 12.1. Column Security Profiles
  - 12.2. Security Roles
- 13. Power Apps, Site Maps and Ribbons
  - 13.1. Canvas Apps & Custom Pages
  - 13.2. Model Driven Apps
  - 13.3. Sitemap
  - 13.4. Command Bar / Ribbons / Buttons
    - 13.4.1 Dynamic Ribbon Buttons
- APPENDIX 1: Permitted Customisations involving Mercury-managed components
- APPENDIX 2: Mercury-managed Tables
- APPENDIX 3: Persistent Tables
- Version History

## 1. Purpose, Scope, and Audience

This document outlines the rationale behind why it is necessary to restrict customisations to Mercury. It also provides some guiding principles to encourage “safe” customisation and clearly defines which changes are deemed by Mercury to be permissible.

Customisations are any changes made to Mercury’s system behaviour by parties outside of Mercury’s development team, where those changes are not merely configuration.

The intended audience of this document is anyone outside of Mercury’s internal development team who may be tasked with understanding, specifying, or undertaking changes to the user interface, data model or business logic of the Mercury solution. This audience therefore includes Mercury’s own Consultancy team, customers’ internal IT departments or any other third-party agency or consultant.

## 2. Associated Documents

There are no associated documents.

## 3. Glossary of Terms

Term	Description
<b>Customer-owned</b>	<p>Power Platform solutions or solution components that are created for or created by the customers organisation.</p> <p>Importantly this includes any customisations carried out on the customer's behalf by Mercury Consulting or third parties.</p>
<b>Custom Table</b>	<p>Any Table that is not part of the core Dataverse entity model. This includes all Customer-owned Tables and all Mercury-owned Tables with a schema name that starts with any of the following prefixes:</p> <ul style="list-style-type: none"> <li>• crimadd_</li> <li>• crimson_</li> <li>• mercury_</li> <li>• recruit_</li> </ul>
<b>Fork</b>	<p>A fork occurs when a point-in-time clone is made of a solution component, so that it can be further developed independently of the original. Forked components will not inherit future changes from the original component. Once a component has been forked in this way, any future attempt to merge it back with the original is necessarily manual, bespoke and potentially difficult to achieve.</p>
<b>Mercury Core</b>	<p>The main, "core" solution that is deployed into customers' Dataverse environment, that includes non-optional elements of the Mercury product. This appears in a Power Platform environment under (Managed) Solutions as "Mercury Transform"</p>
<b>Mercury-managed</b>	<p>Power Platform solutions or solution components that are deployed by Mercury as part of our Core Solution, Add-On Solutions or official patches. Note that "Mercury-managed" components will therefore include some native Power Platform components such as Tables, Columns and Forms and consequently these components are subject to customisation restrictions.</p>
<b>Permitted customisations</b>	<p>Those customisations to Power Platform solution components that are explicitly listed in this document as being permitted.</p>
<b>Persistent tables</b>	<p>A subset of Mercury-managed <b>Custom</b> Tables that can be safely relied upon to always exist. These are defined in <a href="#">APPENDIX 3: Persistent Tables</a></p>
<b>Unpermitted customisations</b>	<p>Any customisation to Power Platform solution components that are either:</p> <ul style="list-style-type: none"> <li>• explicitly listed in this document as being <b>not</b> permitted for change, OR</li> <li>• not explicitly listed in this document <b>at all</b></li> </ul>

## 4. Overview

Mercury is a sophisticated product, which has Microsoft Power Platform at its core and is integrated with our proprietary set of APIs and web services. As an organisation we have dozens of developers working on changes to Mercury every single week. The underlying platform also benefits from frequent updates thanks to Microsoft's ongoing investment. As a result of this unrelenting rate of change, careful and regimented management is required by our development and quality teams as part of our commitment to delivering an advanced, comprehensive recruitment solution to our customers.

We understand that every recruitment organisation has its unique requirements. As a result, Mercury is designed so that much of our functionality can be adapted through configuration. We also recognise that there may be rare instances where customers feel that specific customisations are important to help optimise their usage of our product. However, to maintain the performance and reliability of our solution, customisations must be performed carefully and judiciously. Inevitably, not all customisations are compatible with our goal of providing and supporting a reliable, high-quality software solution.

This document provides the essential guidelines for customising Mercury. It is designed to support thoughtful, informed customisation so that customers can make effective changes that add value to their business operations, while safeguarding the solution's overall integrity and the quality of the end user experience. These guidelines embody learnings from Mercury's own change management processes and aim to ensure that customisations are undertaken in a manner that preserves system integrity, upholds stability, and minimises unmanageable complexities.

## 5. Why Guidance is Required

Mercury is built on Microsoft's Power Platform, a robust suite of tools with flexibility at its core. Despite having an inviting "point and click" based interface, safe customisation of Power Platform-based solutions requires a solid understanding of its unique behaviours in certain areas, such as:

- **Solution Layering:** Microsoft Power Platform uses a layering system for solution components, where changes in one layer can impact the other. Unexpected or out of sequence solution layers involving Mercury-managed components have the potential to interfere with routine upgrade cycles and in some cases can cause seemingly innocuous changes to block or undermine the upgrade process.
- **Unmanaged Solution Layers:** Unmanaged solution layers occur when changes are made directly to a production system or where changes are imported contrary to Microsoft's recommended protocol. They are a common cause of system instability and can be especially hard to recognise and isolate.

- **Deprecations and Microsoft's release cadence:** Microsoft issues regular updates to the platform and sometimes deprecates certain features. Customisations need to keep up with this cadence and adapt to ensure that the functionality remains unaffected.
- **Consistency:** There is often more than one way to implement business logic using the Power Platform toolset. Mercury's development teams have spent many years honing their approaches and establishing consistent working practices. If additional business logic fails to follow the same patterns, it introduces additional complexity, particularly when troubleshooting.
- **Code Quality:** Poorly implemented code or logic can impact the normal behaviour or performance of Mercury. Failure to follow best practice and to apply good design thinking can lead to fragile or non-functioning environments.
- **Resource Usage:** Microsoft impose and enforce limitations on API calls which can be particularly challenging for a comprehensive solution such as Mercury. Storage also incurs additional usage-based costs and therefore should be managed carefully. Failure to optimise resource usage can create high impact problems that affect the entire Power Platform tenancy and therefore system stability for Mercury.

Understanding these intricacies and ensuring that customisation efforts respect them is essential to maintaining Mercury's reliability and maximising its value to customers. Non-compliance can lead to unintended consequences such system instability, reduced performance, data loss, and in the worst cases deployments that we are no longer able to support.

These guidelines can only provide a foundation for making informed decisions. At all times, the prevailing guidance from Microsoft should also be considered along with any idiosyncrasies or changes that may exist in the customer's environment. Ill-informed or accidental actions by users, especially those with system administrator level permissions, can cause significant harm to system or data integrity.

## 6. Support and Maintenance Considerations

### 6.1. Mercury does not provide support for customisations

While this document describes what Mercury deems to be permissible customisations, customers should be clear that this does not imply that Mercury will provide support for any customisations carried out by 3<sup>rd</sup> parties. Indeed, even where Mercury has provided consultancy that results in customisations, those changes are only supported where an explicit agreement is in force to this effect.

### 6.2. "Permitted" is not a guarantee of compatibility

Mercury cannot warrant that customisations carried out in accordance with this document will be guaranteed to work (or be compatible) with Mercury either now or in the future. Adhering to the guidance in this document represents our best source of advice to help 3<sup>rd</sup> parties minimise ongoing effort in managing customisations alongside Mercury's own updates.

### 6.3. Unmanaged changes in Production environments are at Customer's risk

Deployment or creation of unmanaged layers in non-development environments is not permitted. Where unmanaged layers are introduced, it is entirely at the Customer's risk.

Mercury upgrades, patches and hotfixes are typically deployed with the "[Overwrite Customizations](#)" option selected, which will "overwrite or remove any unmanaged customizations previously performed on components included in this solution".

Where such unmanaged changes interfere with the successful deployment of Mercury's upgrades, patches and/or hotfixes, those changes are liable to unilateral manual removal in the interests of Mercury meeting its obligations under the SaaS Agreement.

### 6.4. Elevated levels of support will incur charges

Customisations may create elevated levels of support (e.g., during deployment of upgrades, patches and/or hotfixes; or simply through routine use of the software). Such elevated levels of support are liable to incur additional charges. Where fault diagnosis implicates customisations as the root cause, Mercury has no obligation to resolve those issues and will undertake to do so at their sole discretion, at the customer's cost.

### 6.5. Development Environments

The state and management of the environment that is used to undertake custom development is important and can have long term implications for the ongoing health of the ALM process for both Mercury and the Customer alike.

Development environments should contain the **absolute minimum** number of managed solutions required to undertake the desired development. The goal should not be to attempt to replicate test or production environments. If the development work does not *require* a particular managed solution (3rd party or otherwise) then the solution should not be installed in that development environment. From a Mercury perspective, this means that only Mercury Core should be installed in the development environment save for pre-agreed exceptional circumstances.

## 7. Core Principles

Due to the flexibility of the underlying platform, for the most part it is not possible to programmatically prevent customers from making customisations to their Mercury deployment. This puts the onus of compliance upon the customer to ensure that where

changes are deemed necessary, they are done so responsibly and within boundaries that are assessed to be “safe” and therefore permitted by Mercury. The core principles should underpin all decisions when considering customisation to Mercury.

### 7.1. Only make modifications that are explicitly permitted

The main body of this document addresses some specific scenarios and detail; however, the over-arching rule is that you should only consider making customisations of the type that are explicitly permitted in [APPENDIX 1: Permitted Customisations](#).

**⚠ Unless a component type is explicitly declared by Mercury to be permitted for customisation, then it should be assumed that customisations are not permitted.**

### 7.2. Always favour configuration

Customisations should be considered as a last resort. From a system stability perspective, configuration points will always be the better option, even if it means compromising on requirements. Both Mercury and the underlying Power Platform have a range of configuration points that can influence anything from field visibility on forms and setting required fields, to the process for approving Placements or onboarding new candidates. We recommend that you discuss configuration options with your Customer Success Manager before committing to customisation.

### 7.3. Adopt a formal Change Management process

Naturally, updating the functionality of a live system should not be undertaken until sufficient testing has been carried out. Designing and conducting adequate tests is beyond the scope of this document but it is sufficient to say that tests should consider more than the intended behaviour (“happy path”). Testing should also exercise “unhappy paths”, i.e., the unintended consequences that might occur in the event of adverse scenarios such as missing information, or a user taking a different approach to the specific steps that were tested.

Document your changes in a consistent, searchable format that records the following information at minimum:

- Which component was changed
- Why it was changed (what was the intended benefit)
- When was it changed
- Who made the change

- Any additional steps needed to make it work as expected (e.g., configuration, complimentary components, user training etc.)

Logging changes in this way is the minimum requirement in implementing a change management process and can give valuable insight to help you troubleshoot problems by helping you identify which components have been modified.

#### 7.4. Follow Best Practice for Solution Management

### **NEVER CREATE UNMANAGED LAYERS IN NON-DEVELOPMENT ENVIRONMENTS**

Changes should **always** originate in a development (non-production) environment. Customisations made directly to a production environment are not only risky, but they also inherently introduce unmanaged layers which can be very disruptive to ongoing system integrity.

Use a custom Publisher record (i.e., do not reuse any of the [Mercury\\_publisher records](#)). This is critical in ensuring a clear distinction between custom components and core Mercury-managed components. The Publisher record should include a “prefix” value that makes it clear where the change originated from. Typically, this will involve the name of the organisation that is subscribed to Mercury.

Solution packages should only include components that are custom or have been customised. Therefore when packaging changes to existing Tables for example, customizers should only include the new or changed components, i.e., do not select “include all entity metadata”.

**Changes should always be imported to non-development environments as managed solutions.** This is consistent with Microsoft’s Best Practice guidance and provides benefits that include predictable component layering and rollback capabilities.

Per [Microsoft’s advice](#), we strongly recommend that Solution Patches are not used.

#### 7.5. Do not change or disable Mercury-managed components

Unless explicitly stated in this document, Mercury-managed components should not be changed or disabled except as the result of an upgrade or patch by us.

Therefore, the following Mercury-managed components are among those which **must not be changed or disabled**:

- Web Resources (importantly, this includes all JavaScript files)
- Entity model metadata:

- Table-level metadata (e.g., auditing, document management etc)
- Column-level metadata (e.g., auditing, field lengths, option-set values)
- System Views
- Processes & business logic
  - Classic workflows (except where these have been implemented locally from a Workflow Template)
  - Actions
  - Business Rules
  - Cloud Flows
  - Commands
  - Component Libraries
  - Custom APIs
  - Plug-Ins and related registrations
  - Workflow Assemblies
- Model Driven & Canvas Apps (except where otherwise stated in this document)
- Custom Pages
- Ribbon or command-bar buttons, Modern Commands
- Form specifics
  - Existing Mercury-managed form components within Mercury forms
  - Existing form event registrations within Mercury Forms

## 7.6. Avoid solution dependencies on Mercury-managed components

Except for those entities that are declared as Persistent Entities (see [APPENDIX 3: Persistent Tables](#)), Mercury-managed components cannot be guaranteed to always persist between releases and therefore should not be relied upon to always exist. Although it rarely occurs, Mercury retains the right to remove, re-purpose or significantly modify any component within our solutions and as such, your customisations should not create dependencies on them. If such dependencies are created, future attempts to upgrade your environment risk failure. This could result in unilateral removal of your changes, service disruption for your organisations and/or financial penalties for remedy.

Some component types are more susceptible to risk than others. For example, while Tables are unlikely to be removed from one release to the next, it is not impossible (Mercury previously used a custom Candidate table but since migrated to use the native Contact table). Other component types are much more likely to change or be removed without notice, particularly those that handle business logic such as JavaScript files, Power Automate Cloud Flows and Custom Workflow Assemblies. Similarly, some user interface components are susceptible to change such as Quick View Forms, Quick Create Forms, System Views, PCF Controls, and web resource such as images and icons.

## 7.7. Package Entity Model changes separately

Given the risks to future Mercury upgrades, we strongly recommend that when customisations to Mercury are packaged, all changes to the Entity Model (New columns, new relationships, etc.) are added into their own solution and are deployed separately to any business logic or user interface changes.

By separating entity model from everything else, it is easier to minimise the risks of data loss in the event of customisations needing to be rolled back or uninstalled.

## 7.8. Consider future updates and support

**Monitor Microsoft Updates:** Stay aware of Microsoft's release cadence, deprecations, and updates to ensure customisations continue to function correctly.

**Consult Support (& release) Documentation:** Refer to the support resources provided by Microsoft and Mercury alike. Consider engaging with Mercury's support team if questions arise, to ensure that customisations align with our solution architecture.

**i** Be aware that by opting to customize a Mercury deployment, you create an obligation to maintain those changes to ensure that they remain compatible in future. This typically involves ongoing monitoring of announcements from both Mercury and Microsoft, and reacting accordingly to address changes in behaviour and deprecations that are outside of your control.

## 7.9. Do not reference “xDNU” components

Components prefixed with the string “xDNU” or “x DNU” represent items that are deprecated and will be removed in a future release of Mercury. Do not reference them.

# 8. Rules for creating customer-owned components

## 8.1. Data Model

It is generally safe to create and maintain brand new data components such as Tables, Columns and Views, however per section 7.6 above we do not permit:

- adding new relationships (lookups or many-many relationships) that involve Mercury-managed tables (except Persistent Tables).
- including Mercury-managed columns in calculated columns (except where the calculations only involve Persistent Tables).
- including Mercury-managed tables or columns in rollup columns (except where the rollups only involve Persistent Tables).
- adding new columns on Mercury-managed tables that have a requirement level of “Required”

Changes made to Mercury-managed Table-level metadata (typically enabling Auditing or Document Management) are prone to be reset after each Mercury patch or upgrade and are therefore not permitted.

**i** Adding “Required” columns on Mercury-managed tables can mean that newly-deployed Cloud Flows that are part of the Mercury solution are not able to be turned on after deployment.

## 8.2. User Interface

It is generally safe to create and maintain new customer-owned UI components such as Tabs, Sections, Form Controls and Columns. Notwithstanding the dependency principle outlined in section 7.6 above, it is also permissible to create new customer-owned forms against Mercury-managed entities however customizers should pay particular attention to section 10 Considerations for Forms. It should also be noted that by adopting a custom form, customers potentially lose the benefit of Mercury’s ongoing investment while also introducing a maintenance burden for themselves.

New customer-owned views and dashboards are also permitted, despite the risk they introduce as outlined in section 7.6 above. Customers should be aware however that in the unlikely event that such customer-owned dashboards or views prevent upgrade of a Mercury installation, those components that are preventing the upgrade are liable to be unilaterally deleted.

## 8.3. Business Logic

Mercury considers all new business logic to be permitted, except where that business logic exhibits one or more of the following features:

- Disabling or over-riding of any Mercury business logic (except where this is the result of a Mercury configuration value that has been explicitly documented). This restriction applies to all business logic, including:
  - Ribbon Buttons & Commands
  - Form event registrations
  - JavaScript libraries
  - Plug-Ins and their associated assemblies, steps, and images
  - Processes
    - Actions
    - Business Rules
    - Classic Workflows
    - Cloud Flows
- Introduction of a Solution Dependency on a Mercury-managed:
  - Table

- Column
- Action
- Custom API
- Custom Workflow Assembly
- Web Resource (esp. JavaScript files)
- Overwriting non-null data in Mercury-managed tables, especially in columns that represent statuses or status reasons.
- Registering new plugin-in steps using Mercury-managed plugin assemblies.
- Implementing synchronous logic on a Mercury-managed custom table.
- Implementing synchronous logic on one of the following native tables:
  - Client (account)
  - Contact (contact)
  - Note (annotation)
  - User (systemuser)
  - Team (team)
  - Address (customeraddress)
  - Any Activity table (activitypointer) including but not limited to:
    - Appointment (appointment)
    - Email (email)
    - Task (task)
- Switching mandatory Mercury-managed form controls to be non-mandatory.

Customizers that are considering changes or additions to Business Logic should also read section 11 Considerations for Business Logic.

## 9. Considerations for Data Model

### 9.1. Tables

Metadata at the Table level for Mercury-managed Tables is not permitted for modification. This includes display labels and toggling of settings that relate to auditing and document management. Such changes are likely to be automatically rolled back after each Mercury upgrade or patch.

### 9.2. Relationships

New relationships that involve Persistent Tables or Customer-owned Tables are permitted however relationships that involve any other Mercury-managed Tables must not be created.

### 9.3. Calculated Fields


New calculated fields are permitted so long as they only reference columns on Mercury-managed Persistent Tables or Customer-owned Tables.

## 9.4. Rollup Fields

New rollup fields are permitted so long as they only reference columns on Mercury-managed Persistent Tables or Customer-owned Tables.

## 9.5. Columns (Attributes)

New columns are permitted on Mercury-managed Persistent Tables or Customer-owned Tables however they **must not** be set with a Requirement Level of “Required”. If a custom column is set to “Required” at the Table (Entity) level, then any Cloud Flows that Mercury may deploy with our solution will not be able to be turned on without further customisations.

 If a new mandatory column is needed on a Mercury-managed table, then we recommend using Client-side code or form-scoped Business Rules to set the field requirement level at runtime. This provides the business benefits of mandatory field, without the deployment restrictions caused by setting this at the Table level.

# 10. Considerations for Forms

## 10.1. Mercury-managed Controls, Sections and Tabs

- Mercury-managed form controls should never be removed from forms. This creates an untested configuration that can adversely affect system performance and data integrity.
- Changes to the properties of Mercury-managed form controls (including visibility, labels and formatting) are not permitted.
- Mercury-managed form sections should not be moved, removed, hidden, or renamed. This is an untested configuration and can result in unexpected behaviour in the user interface. Sections that have been compromised are likely to be “reset” to their original location after each Mercury update, in any case.
- Mercury-managed form tabs should not be moved, removed, hidden, or renamed. This is an untested configuration and can result in unexpected behaviour in the user interface. Tabs that have been compromised are likely to be “reset” to their original location and configuration after each Mercury update in any case.

## 10.2. Customer-owned Controls, Sections and Tabs

- The recommended approach for showing Customer-owned form controls is to add them to a customer-owned section within a Customer-owned tab. Sections and tabs should be named with a customer-specific prefix to minimise the chances of “collisions” with current or future Mercury-managed components.
- It is not recommended to add Customer-owned form controls to Mercury-managed form sections as they are not guaranteed to remain in the same location after each Mercury update. Customer-owned form controls are more consistent if added to new customer-created form sections.
- It is not recommended to add Customer-owned form sections to Mercury-managed form tabs, since their position within the tab layout cannot be guaranteed to persist each Mercury update.

### 10.3. Merging & Merge Conflicts

When deployed into a production environment as part of a managed solution, form changes that follow our recommendations can typically be expected to “merge” safely with Mercury behaviour. However, situations can arise whereby customisations cannot be merged and instead cause a conflict. Should this occur, the deployment process will result in a new “Conflicts Tab” being created on the form, containing any problematic form components. These situations typically occur when two different solutions contain conflicting information (e.g., a newly introduced customer-owned form tab that has the same name as a Mercury-managed tab – see section 10.2 for guidance on avoiding this).

The preferred resolution is to revert to the Customer’s development environment and update the Customer-owned solution to remove the conflict (e.g., rename the form tab, section, or control) and then redeploy the new managed solution. Note that due to [risks of data loss](#) we advise against simply uninstalling the Customer-owned managed solution.

There is little inherent risk in the Conflicts tab remaining and not being resolved, but it is to the detriment of the user experience for end users.

### 10.4. Cloning Forms

Cloning of Mercury-managed forms is not permitted. This approach would create a fork from the Mercury solution (i.e., a snapshot copy) which means many of the form-level investments that we may carry out in future will not be reflected on the cloned form. Further, references to our script libraries will also remain in the cloned forms. Future changes to these JavaScript libraries (including decoupling them from our forms) by Mercury could lead to upgrade failures to the solution, or runtime errors whereby requisite components do not exist on the cloned form.

### 10.5. New forms

Creating brand new customer-owned forms for Mercury-managed tables is not recommended. Using new forms carries a high risk to system integrity as it can readily result in untested scenarios and errors in our Mercury business logic, due to missing, conflicting or ambiguous data.

### 10.6. Form Event Registrations

Changing or removing Mercury-managed form event registrations is not permitted as it undermines system integrity.

While adding new form event registrations is permitted, it should be noted that it is risky. Issues such as poor syntax can readily cause existing Mercury client-side code to fail. It is therefore important that client-side scripts are written accurately and defensively to reduce the risks of knock-on failure.

## **11. Considerations for Business Logic**

Notwithstanding the restrictions outlined in section 8.3 Business Logic, those customisations that are permitted should always consider the following points.

### **11.1. API Limits**

Be mindful of the API limits that are published by Microsoft and may change from time to time. Since breaches of Microsoft's API limits typically result in "throttling" (restricting) of service availability, inefficient custom logic can adversely affect the operation of Mercury by effectively "locking out" the Mercury business logic until service is restored.

### **11.2. Avoid Indiscriminate Triggers and Unnecessary Updates**

When registering new business logic, be sensitive to which columns will trigger your logic. If your logic fails to discriminate (or does so inefficiently), then it can cause unnecessary processing which, in the worst cases, can cascade and trigger other logic to run unnecessarily.

Similarly, where custom logic contains updates to data, it is important to avoid "updating" a column where the data in that column has not actually changed. This can cause Mercury-managed business logic to be triggered which, in the worst cases, can result in compromised system stability or data integrity. These issues can only arise when custom business logic is introduced, as the native user interface otherwise prevents this from happening.

### **11.3. Power Automate / Cloud Flows**

[Changes announced by Microsoft in July 2023](#) mean that automated Power Automate Flows are susceptible to being unilaterally disabled unless they are correctly "associated" with a known Canvas- or Model-Driven-App. Consequently, Mercury recommends that you familiarise yourself with the process of associating Apps and Flows with each other.

## 12. Security Roles and Column Security Profiles

Neither Mercury-managed Security Roles nor Mercury-managed Column Security Profiles are permitted for customisation. Since security privileges in Dynamics 365 are summative (i.e., a user's net privileges are the sum of all privileges in all roles that they are party to), customers may extend privileges by creating new roles and assigning them alongside the Mercury-managed security roles.

### 12.1. Column Security Profiles

For a column to be subject to Column Security Profiles, it is necessary to first update the metadata on that column to state that it supports Column Security. Making such changes to Mercury-managed columns is not permitted, however creating a new Column Security Profile that references Mercury-managed columns that are already enabled for Column Security *is* permitted.

### 12.2. Security Roles

Mercury recommend that customers opt to create discrete roles for additional privileges (i.e., create new Security Roles which can be used to supplement Mercury's out of the box roles) rather than cloning Mercury roles and amending them. Mercury's out of the box Security Roles are used to manage access to our Model Driven- and Canvas Apps and are also referenced in some ribbon level and form level business logic to influence user experience. Cloning Mercury's Security Roles (and allocating those roles to your users instead) would result in an unsupported user experience. Further, ongoing investments in Mercury often result in privileges being appended or removed from roles and these updates would not be propagated to any (cloned) custom roles.

## 13. Power Apps, Site Maps and Ribbons

### 13.1. Canvas Apps & Custom Pages

Mercury-managed Canvas Apps and their counterpart, Custom Pages, are explicitly not permitted for modification.

### 13.2. Model Driven Apps

The Mercury product comes with a minimum of two Model Driven Apps ("Mercury", and "Mercury Admin"). These Apps can only display data from those Tables defined within the

App by the Mercury product development team. It is not possible for a customer to expose data from additional Tables within this App unless the Model Driven App is customised.

**However, customisations to the Mercury and Mercury Admin model driven apps are strongly discouraged.**

Should it be deemed necessary to include an additional Table within a Mercury App then customers may be tempted to fork (i.e., clone and then customise) the original App.

Mercury recommend against this approach as it introduces several issues:

- The customer-owned fork will never receive future updates to the Model Driven App
- Additional administration of the customer-owned copy App is required to ensure that end users have the appropriate Security Roles to access the new App
- There may be licence issues to consider if users are granted access to another App


One suggested compromise in this scenario is to deploy managed customisations to the Mercury Model Driven App but accepting that this process will need to be repeated after each of Mercury's upgrades.

### 13.3. Sitemap

Existing Mercury-owned Sitemap entries are not permitted for customisation, however it is permitted to create new Sitemap entries for customer-owned entries as they will [merge](#) when deployed.

### 13.4. Command Bar / Ribbons / Buttons

Dataverse currently provides two options (classic and modern) for adding ribbon buttons to the UI. [Classic commands](#) are customised using direct XML manipulation or 3<sup>rd</sup> party tools such as Ribbon Workbench. **Mercury does not support ribbon changes using classic commanding** as they exhibit poor solution layering behaviour that can mask or override Mercury's ribbon buttons.

 Classic command bar behaviour depends on solution layering at the button group level, not at the individual button level. The highest active customisation layer that includes a given ribbon button group determines the complete definition of that group. It does not merge buttons across layers.

For example, if layer 1 defines a group containing ButtonA, layer 2 defines the same group containing ButtonA and ButtonB, and layer 3 defines the group containing only ButtonC, then the effective outcome will be ButtonC only. The definition in layer 3 replaces the group entirely.

As a result, any modification to ribbon button groups used within Mercury carries a significant deployment risk, as introducing a higher layer that redefines the group can unintentionally remove previously configured buttons.

[Modern Commands](#) can be customised from within the Power Platform UI. Modern commanding can consume functions in JavaScript Web Resources, similar to the classic approach via Ribbon Workbench or using Power Fx. **Mercury supports modern commands, but only where they consume customer-owned JavaScript web resources.**

- ❗ Power Fx based actions are not permitted as there can only be a single command component library for each (model-driven) App, and those component libraries do not support merge behaviour, therefore changes to this library will mask or override core Mercury functionality

[Known limitations of Modern Commanding](#) are documented by Microsoft. At the time of writing, the most notable of these limitations is an inability to toggle visibility of a button.

Should it be necessary to restrict access to the business logic behind a Modern Command button, Mercury recommend that checks are made within the JavaScript logic to determine the necessary permissions or access conditions.

#### 13.4.1 Dynamic Ribbon Buttons

Mercury version 2026.2 (v37) introduced the concept of fully dynamic ribbon buttons, which will gradually roll out across our suite of solutions. This approach introduces a new “Mercury” flyout button to forms and sub-grids, under which all Mercury buttons are dynamically loaded using data in two new tables

( `recruit_customribbonbutton` and `recruit_customribbonsection` ). This uses classic ribbon buttons and introduces a new ribbon button group on each ribbon.

Mercury do permit new rows to be added in the both new tables, which may support customer use cases for custom buttons, however we do not currently provide any support for such customisations.

- ❌ It is strictly prohibited to edit this new group or the button within it. Due to its critical role in the product, where unpermitted customisations to this component are detected, Mercury will unilaterally remove them to protect system stability. Developers

considering making changes to these components are reminded not to do so as the group name is prefixed `DO_NOT_EDIT`




## APPENDIX 1: Permitted Customisations involving Mercury-managed components

Customisations that involve (i.e. reference either directly or indirectly any Mercury-managed component including but not limited to references in code, processes, entity relationships, user interface metadata, and solutions) Mercury-managed Components but are not explicitly included in this Appendix are deemed by Mercury to be unpermitted.

Customers should be aware that undertaking such unpermitted customisations:

- carries significant risk to system integrity, data integrity and consistent user experience.
- introduces high risk of breakage or loss whenever Mercury conducts routine or emergency upgrades and patches.
- can result in remediation fees, if those customisations are found to cause or contribute to excessive technical support effort.

### Legend



















 Permitted	Change is permitted and can be expected to persist despite maintenance by Mercury
 Permitted with warning	Change is permitted but creates a dependency on a Mercury-managed component, therefore in the unlikely event that this change prevents Mercury from upgrading, patching or otherwise maintaining your environment this change is liable to be unilaterally removed. If the advice in section 7.7 (Package Entity Model changes separately) has been followed then no data loss will occur as a result, however your change may need to be reapplied by you after our maintenance is completed.
 Permitted with exceptions	See the Exceptions and Clarifications columns to understand the limits of what is permitted
	If no wording or colour is shown, this change is not permitted



Component Type	Create / modify non-Mercury components	Modify Existing	Remove/Disable	Exceptions	Clarifications
<b>Entity Model</b>					

<b>Table</b>	✔ Permitted	⊖ Not permitted	⊖ Not permitted		No changes permitted. Includes changes to entity-level metadata such as Auditing or Document management  See section 9.1 Tables
<b>Column</b>	⚠ Permitted with exceptions	⊖ Not permitted	⊖ Not permitted	<p>Lookup columns are not permitted unless they only involve Persistent Tables or Customer-owned Tables</p> <p>Calculated and Rollup Columns have specific restrictions, see section 9.3 and section 9.4</p> <p>Custom columns on Mercury-managed entities must <b>not</b> have “requirement level” set to “Required”. See section 9.5</p>	Permits creation of certain new columns on Mercury-managed entities
<b>Relationship</b>	⚠ Permitted with exceptions	⊖ Not permitted	⊖ Not permitted	New relationships are not permitted unless they only involve Persistent Tables or Customer-owned Tables	Permits creation of certain new relationships on Mercury-managed entities
<b>Key</b>	⚠ Permitted with warning	⊖ Not permitted	⊖ Not permitted		See legend

<b>User Interface</b>					
<b>Form</b>		 Permitted with exceptions		See section 10 Considerations for Forms	
<b>Personal Views</b>	 Permitted with warning	 Permitted with warning	 Permitted with warning		See legend
<b>System Views</b>	 Permitted with warning	 Not permitted	 Not permitted		See legend
<b>Ribbon components</b>	 Permitted	 Not permitted	 Not permitted		
<b>Model Driven Apps</b>					
<b>Model Driven Apps</b>	 Permitted		 Not permitted	See 7.6 Avoid solution dependencies on Mercury-managed components	No changes permitted to Mercury-owned Apps. See below for permitted changes to components within Mercury-owned Apps
<b>Forms</b>	 Permitted				Can include new Forms
<b>Sitemap</b>	 Permitted				Can include new sitemap entries
<b>System Views</b>	 Permitted				Can include new System Views
<b>Tables</b>	 Permitted				Can include additional Tables
<b>Modern Commands</b>	 Permitted with exceptions			Use of customer-owned JavaScript Web Resources only. Do not use Power Fx.	See 13.4 Command Bar / Ribbons / Buttons
<b>Canvas</b>					
<b>Canvas Apps</b>	 Permitted	 Not permitted	 Not permitted		No changes permitted to

					Mercury-owned components
<b>Custom Pages</b>	✔ Permitted	⊘ Not permitted	⊘ Not permitted		No changes permitted to Mercury-owned components
<b>Other</b>					
<b>Column Security Profiles</b>	⚠ Permitted with warning	⊘ Not permitted	⊘ Not permitted	See section 12.1 Column Security Profiles	Can create new Column Security Profiles that involve Mercury-managed components. See legend.
<b>Security Roles</b>	⚠ Permitted with warning	⊘ Not permitted	⊘ Not permitted	See 7.6 Avoid solution dependencies on Mercury-managed components	See legend See 12.2 Security Roles
<b>Client-Side Business Logic</b>					
Business Rules	⚠ Permitted with warnings and exceptions	⊘ Not permitted	⊘ Not permitted	See section 8.3 Business Logic	
Form Event Registrations	✔ Permitted	⊘ Not permitted	⊘ Not permitted		
JavaScript	⚠ Permitted with warnings and exceptions	⊘ Not permitted	⊘ Not permitted	See section 8.3 Business Logic	See section 11 Considerations for Business Logic
<b>Server-Side Business Logic</b>					

Actions & Classic Workflows	 Permitted with warnings and exceptions	 Not permitted	 Not permitted	See section 8.3 Business Logic	See section 11 Considerations for Business Logic
Cloud Flows	 Permitted with exceptions	 Not permitted	 Permitted with exceptions	See section 8.3 Business Logic	See section 11 Considerations for Business Logic
Custom API	 Permitted with warnings and exceptions	 Not permitted	 Not permitted	See section 8.3 Business Logic	See section 11 Considerations for Business Logic
Plug-in Assemblies	 Permitted with warnings and exceptions	 Not permitted	 Not permitted	See section 8.3 Business Logic	See section 11 Considerations for Business Logic
Plug-in Steps	 Permitted with warnings and exceptions	 Not permitted	 Not permitted	See section 8.3 Business Logic Not permitted to create new Plug-In Steps that involve Mercury-managed Plug-In Assemblies	See section 11 Considerations for Business Logic
Plug-in Images	 Permitted with warnings and exceptions	 Not permitted	 Not permitted	See section 8.3 Business Logic Not permitted to create new Plug-In Images that involve Mercury-managed Plug-In Steps	
<b>Workflow Assemblies</b>	 Permitted with warnings and exceptions	 Not permitted	 Not permitted	See section 8.3 Business Logic	See section 11 Considerations for Business Logic Do not reference Mercury workflow

					activities as they are not guaranteed to persist between releases.
Workflow Templates	 Permitted with warnings and exceptions	 Permitted with exceptions	 Permitted with exceptions	See section 8.3 Business Logic	

## APPENDIX 2: Mercury-managed Tables

Mercury-managed Tables are those Tables that are deployed by Mercury as part of our Core Solution, Add-On Solutions, or patches. While broadly static, this list typically changes with each release of Mercury with additions being generally more likely than removals.

Mercury-managed tables includes **all tables with the following schema prefixes**, plus several core/native Tables:

- crimadd\_
- crimson\_
- mercury\_
- recruit\_

The prevailing list of Mercury-managed tables can be confirmed independently by following this process:

1. Go to the Power Apps maker portal at [Power Apps](#)
2. Login using an account with customisation privileges.
3. Go to Solutions in the left-hand navigation.
4. In the Solutions list, filter the Publisher column such that it includes all rows that contain the term “Mercury”
5. For each solution, check Objects > Tables
  - a. Any Table listed here is deemed “Mercury-managed”

As of Mercury v27 this is the complete list of Mercury-managed tables in the core product only:

Display Name	Schema Name	Type
<b>Accounting Legal Entity</b>	mercury_accountinglegalentity	Mercury
<b>Action Card</b>	ActionCard	Native
<b>Activity</b>	ActivityPointer	Native

<b>Activity Outcome</b>	recruit_activityoutcome	Mercury
<b>Activity Purpose</b>	mercury_activitypurpose	Mercury
<b>Address</b>	CustomerAddress	Native
<b>Advert</b>	mercury_advert	Mercury
<b>Agency</b>	mercury_agency	Mercury
<b>Agreement</b>	mercury_agreement	Mercury
<b>Agreement Benefit</b>	mercury_agreementbenefit	Mercury
<b>Agreement Cost Centre</b>	mercury_agreementcostcentre	Mercury
<b>Agreement Expense Rule</b>	mercury_agreementexpenserule	Mercury
<b>Agreement Queue Item</b>	mercury_agreementqueueitem	Mercury
<b>Agreement Rate Type</b>	mercury_agreementratetype	Mercury
<b>Applicant</b>	mercury_applicant	Mercury
<b>Applicant Substatus</b>	recruit_applicantsubstatus	Mercury
<b>Appointment</b>	Appointment	Native
<b>Approval</b>	recruit_approvalactivity	Mercury
<b>Approval Step</b>	recruit_approvalstep	Mercury
<b>Audit event</b>	recruit_auditevent	Mercury
<b>Audit event detail</b>	recruit_auditeventdetail	Mercury
<b>Bank Account</b>	mercury_bankaccount	Mercury
<b>Benefit</b>	mercury_benefit	Mercury
<b>Bulk SMS Message</b>	mercury_bulksmsmessage	Mercury
<b>Business Unit</b>	BusinessUnit	Native
<b>Campaign Activity</b>	CampaignActivity	Native
<b>Campaign Response</b>	CampaignResponse	Native
<b>Candidate Company</b>	crimson_candidatecompany	Mercury
<b>Candidate Role</b>	mercury_candidaterole	Mercury
<b>Candidate Sentiment</b>	mercury_candidatesentiment	Mercury
<b>Client</b>	Account	Native
<b>Client Category</b>	mercury_clientcategory	Mercury
<b>Client Cost Centre</b>	mercury_clientcostcentre	Mercury
<b>Client Project</b>	mercury_clientproject	Mercury
<b>Compliance Criterion</b>	mercury_compliancecriterion	Mercury

<b>Compliance Evidence</b>	mercury_complianceevidence	Mercury
<b>Compliance Group</b>	mercury_compliancegroup	Mercury
<b>Compliance Status</b>	mercury_compliancestatus	Mercury
<b>Compliance Status List Item</b>	mercury_compliancestatuslistitem	Mercury
<b>Configuration</b>	crimson_configuration	Mercury
<b>Configuration Category</b>	mercury_configuration_category	Mercury
<b>Connection</b>	Connection	Native
<b>Contact</b>	Contact	Native
<b>Contact Role</b>	mercury_contactrole	Mercury
<b>Contract</b>	Contract	Native
<b>Conversation</b>	msdyn_ocliveworkitem	Native
<b>Copilot Transcript</b>	msdyn_copilottranscript	Native
<b>Country</b>	mercury_country	Mercury
<b>Country Translations</b>	mercury_countrytranslations	Mercury
<b>Currency</b>	TransactionCurrency	Native
<b>Customer Voice alert</b>	msfp_alert	Native
<b>Customer Voice survey invite</b>	msfp_surveyinvite	Native
<b>Customer Voice survey response</b>	msfp_surveyresponse	Native
<b>CV Document</b>	recruit_cvdocument	Mercury
<b>CV Education</b>	recruit_cveducation	Mercury
<b>CV Parsing Engine</b>	recruit_cvparsingengine	Mercury
<b>CV Skill Level</b>	recruit_cvskilllevel	Mercury
<b>CV Work History</b>	recruit_cvworkhistory	Mercury
<b>Data Consent</b>	mercury_dataconsent	Mercury
<b>Data Consent Change</b>	mercury_dataconsentchange	Mercury
<b>Data Consent Purpose</b>	mercury_dataconsentpurpose	Mercury
<b>Discipline</b>	mercury_discipline	Mercury
<b>Dynamic Email</b>	mercury_dynamicemail	Mercury
<b>Dynamic Email SharePoint Link</b>	mercury_dynamicemailsharepointlink	Mercury
<b>Dynamic Email Template</b>	mercury_dynamicemailtemplate	Mercury
<b>Education</b>	crimson_education	Mercury

<b>Email</b>	Email	Native
<b>Email Counter</b>	mercury_emailcounter	Mercury
<b>Email Limit Definition</b>	mercury_emaillimitdefinition	Mercury
<b>Email Limit Tracker</b>	mercury_emaillimittracker	Mercury
<b>Email restriction</b>	mercury_emailrestriction	Mercury
<b>Email Salutation Mapping</b>	mercury_emailsalutationmapping	Mercury
<b>Engagement</b>	mercury_engagement	Mercury
<b>Error</b>	crimson_error	Mercury
<b>Ethnicity</b>	recruit_ethnicity	Mercury
<b>Expense</b>	recruit_expense	Mercury
<b>Expense Activity</b>	recruit_expenseactivity	Mercury
<b>Expense line</b>	recruit_expenseitem	Mercury
<b>Expense Rejection Reason</b>	recruit_expenserejectionreason	Mercury
<b>Expense Template</b>	recruit_expensetemplate	Mercury
<b>Expense Type</b>	mercury_expensetype	Mercury
<b>Expense Validation Code</b>	recruit_expensevalidationcode	Mercury
<b>Fax</b>	Fax	Native
<b>Fee</b>	mercury_fee	Mercury
<b>Fee calculation</b>	recruit_feecalculation	Mercury
<b>Finance Sync Status</b>	mercury_financesyncstatus	Mercury
<b>Financial Transaction</b>	mercury_transaction	Mercury
<b>Financial Transaction Type</b>	mercury_transactiontype	Mercury
<b>FX Spot Rate</b>	mercury_fxspotrate	Mercury
<b>Hot List</b>	mercury_hotlist	Mercury
<b>Incremental Numbering</b>	crimadd_incrementalnumbering	Mercury
<b>Info</b>	mercury_info	Mercury
<b>Info Shortlist</b>	recruit_infoshortlist	Mercury
<b>Internal Work Item</b>	mercury_internalworkitem	Mercury
<b>Invoice Instruction</b>	mercury_invoiceinstruction	Mercury
<b>Language</b>	recruit_language	Mercury
<b>Letter</b>	Letter	Native
<b>Local Search Update</b>	mercury_localsearchupdate	Mercury

<b>Nationality</b>	recruit_nationality	Mercury
<b>Note</b>	Annotation	Native
<b>Off Limits Reason</b>	mercury_donoththeadhuntrereason	Mercury
<b>Payment Term</b>	mercury_paymentterm	Mercury
<b>Phone Call</b>	PhoneCall	Native
<b>Placement</b>	crimson_placement	Mercury
<b>Placement Approval</b>	mercury_placementapprovalactivity	Mercury
<b>Placement Approval Step</b>	mercury_placementapprovalstep	Mercury
<b>Placement Benefit</b>	mercury_placementbenefit	Mercury
<b>Placement Cost Centre</b>	mercury_placementcostcentre	Mercury
<b>Placement Custom Field</b>	mercury_placementcustomfield	Mercury
<b>Placement Custom Field Value</b>	mercury_placementcustomfieldvalue	Mercury
<b>Placement Expense Rule</b>	mercury_placementexpenserule	Mercury
<b>Placement Rate</b>	crimson_rate	Mercury
<b>Portal Role</b>	recruit_PortalRole	Mercury
<b>Portal Theme</b>	recruit_portaltheme	Mercury
<b>Position</b>	Position	Native
<b>Process Session</b>	ProcessSession	Native
<b>Project</b>	recruit_project	Mercury
<b>Purchase Order</b>	crimson_purchaseorder	Mercury
<b>Queue Item</b>	QueueItem	Native
<b>Rate Frequency</b>	crimson_ratefrequency	Mercury
<b>Rate Type</b>	crimson_ratetype	Mercury
<b>Recurring Appointment</b>	RecurringAppointmentMaster	Native
<b>Reference</b>	mercury_reference	Mercury
<b>Religion</b>	recruit_religion	Mercury
<b>Report Template</b>	crimson_reporttemplate	Mercury
<b>Report Template Query</b>	crimson_reporttemplatequery	Mercury
<b>Reporting Business Unit</b>	mercury_reportingbusinessunit	Mercury
<b>Reporting Region</b>	mercury_reportingregion	Mercury

<b>ReportTrigger</b>	crimson_reporttrigger	Mercury
<b>Residency Status</b>	mercury_residencystatus	Mercury
<b>Rules of Engagement</b>	recruit_rulesofengagement	Mercury
<b>Saved Query</b>	mercury_searchrequest	Mercury
<b>Search Personalisation</b>	mercury_searchpersonalisation	Mercury
<b>Search Response</b>	mercury_searchresponse	Mercury
<b>Search Result Marker</b>	mercury_searchresultmarker	Mercury
<b>Service Activity</b>	ServiceAppointment	Native
<b>Shortlist</b>	crimson_vacancycandidate	Mercury
<b>Shortlist Feedback</b>	mercury_shortlistfeedback	Mercury
<b>Shortlist Method</b>	mercury_shortlistmethod	Mercury
<b>Shortlist Substatus</b>	mercury_shortlistsubstatus	Mercury
<b>Shortlist Update</b>	mercury_shortlistupdate	Mercury
<b>Situation</b>	mercury_situation	Mercury
<b>Skill</b>	crimson_skill	Mercury
<b>Skill Level</b>	crimson_skilllevel	Mercury
<b>SLA KPI Instance</b>	SLAKPIInstance	Native
<b>SMS Message</b>	mercury_smsmessage	Mercury
<b>SMS Originator</b>	mercury_smsoriginator	Mercury
<b>Social Activity</b>	SocialActivity	Native
<b>Social Network</b>	mercury_socialnetwork	Mercury
<b>Social Profile</b>	mercury_socialprofile	Mercury
<b>Source</b>	crimson_candidatesource	Mercury
<b>Spec Send</b>	mercury_speculativesend	Mercury
<b>Standard Classification</b>	recruit_standardclassification	Mercury
<b>State or Province</b>	mercury_state	Mercury
<b>Subsector</b>	mercury_subsector	Mercury
<b>Sync Error</b>	SyncError	Native
<b>Tag</b>	mercury_tag	Mercury
<b>Task</b>	Task	Native
<b>Tax Code</b>	mercury_taxcode	Mercury
<b>Team</b>	Team	Native

<b>Teams chat</b>	chat	Native
<b>Timesheet</b>	mercury_timesheet	Mercury
<b>Timesheet Activity</b>	mercury_timesheetactivity	Mercury
<b>Timesheet Frequency</b>	recruit_timesheetfrequency	Mercury
<b>Timesheet Line</b>	mercury_timesheetline	Mercury
<b>Timesheet Rejection Reason</b>	mercury_timesheetrejectionreason	Mercury
<b>Timesheet Template</b>	mercury_timesheettemplate2	Mercury
<b>Timesheet Validation Code</b>	mercury_timesheetvalidationcode	Mercury
<b>Update</b>	mercury_update	Mercury
<b>User</b>	SystemUser	Native
<b>Vacancy</b>	crimson_vacancy	Mercury
<b>Vacancy Benefit</b>	mercury_vacancybenefit	Mercury
<b>Vacancy Lost Reason</b>	mercury_vacancylostreason	Mercury
<b>Vacancy Type</b>	mercury_vacancytype	Mercury
<b>Video Call Type</b>	recruit_videocalltype2	Mercury
<b>Work History</b>	crimson_workhistory	Mercury
<b>Work Pattern</b>	mercury_workpattern	Mercury
<b>Workflow Schedule</b>	mercury_workflowschedule	Mercury
<b>X DNU Video Call Type</b>	recruit_videocalltype	Mercury

## APPENDIX 3: Persistent Tables

The following Mercury-managed tables are deemed by Mercury to be persistent and therefore highly unlikely to ever be deprecated from our solution. Some types of customisations are only permitted against Persistent Tables.

Display Name	Schema Name	Comments
<b>Client</b>	account	Native to Dataverse
<b>Contact</b>	Contact	Native to Dataverse
<b>Placement</b>	crimson_placement	
<b>Vacancy</b>	crimson_vacancy	

<b>Shortlist</b>	crimson_vacancycandidate	

## Version History

Version History

Version	Date	Comment
<b>Current Version (v. 21)</b>	<b>Mar 02, 2026 11:10</b>	: Added additional detail for ribbon button groups and dynamic ribbon buttons.
v. 20	Mar 02, 2026 11:09	
v. 19	Jan 17, 2025 18:22	Declare restrictions on introducing dependencies on Mercury-owned Web Resources
v. 18	Nov 05, 2024 13:38	Added explicit "not permitted" options to the Appendix for some previously-blank boxes. Switched edits to Cloud Flows to "Not Permitted" (was Permitted with Warnings)
v. 17	Oct 03, 2024 16:42	Minor formatting changes only
v. 16	Jul 09, 2024 09:33	Remove duplicated wording in 11.1
v. 15	Jun 28, 2024 15:22	Added 9.5 which restricts setting columns on Mercury-managed tables to "Required"
v. 14	May 24, 2024 12:13	Added link to public version of the document
v. 13	Feb 23, 2024 16:39	Minor adjustments to wording in section "6.5 Development Environments"
v. 12	Feb 08, 2024 18:56	Definition for "Mercury Core" added to glossary. Point 6.5 added to address some details of development environments.
v. 11	Jan 04, 2024 18:07	Clarified wording in Appendix 1 table, including column header text and references to Mercury Apps versus components within Mercury Apps. Moved Version History to the end of the document for improved readability upon export.
v. 10	Dec 14, 2023 15:51	Added "PUBLIC" document classification
v. 9	Dec 14, 2023 15:45	Fix minor formatting issues after original import from Word
v. 8	Dec 14, 2023 09:58	Minor correct to section header
v. 7	Dec 06, 2023 18:52	Clarifying wording around solution management and inclusion of changed solution components only. Clarification that hiding of Mercury form components is not permitted.

Clarification of our stance on customising the Mercury app (to address some potential contradictions). Refinement of the term "Persistent Tables".

---

v. 6	Nov 20, 2023 13:38	Minor correction to wording in 6.3
v. 5	Nov 17, 2023 20:07	Added 7.9 - do not reference xDNU components
v. 4	Nov 17, 2023 20:02	Minor updates to remove unwanted content
v. 3	Nov 17, 2023 19:54	Move version history to expander section
v. 2	Nov 17, 2023 19:52	Address missing paragraphs from Word copy/paste issues
v. 1	Nov 17, 2023 19:47	Initial transfer from Word document

---