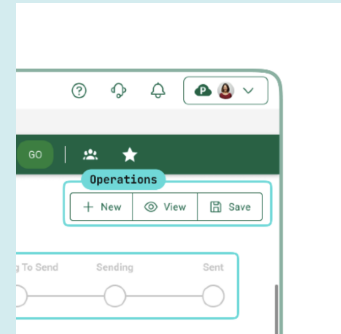




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Optimizing Solution Delivery With Predefined Object Operations in OPUS



Object operations are central to OPUS's no-code and metadata-driven framework, allowing users to interact with their business objects through predefined actions. OPUS's metadata-driven architecture automatically generates object operations based on metadata configurations. Without the need for page-specific logic, consistency is governed and solutions are delivered faster.

Search Purchase Orders
View all purchase orders.

Toolbar
 + New Import Export Print Filter

PO Number	State	Buyer
260320210011	Sent	Kendal Pharma
260320213546	Sent	Kendal Pharma
260320219637	Sent	Kendal Pharma
260320210371	Sent	Kendal Pharma
260320219823	Sent	Kendal Pharma
260320210758	Sent	Kendal Pharma
260320218011	Sent	Kendal Pharma
260320246889	Sent	Kendal Pharma

Search Purchase Orders
View all purchase orders.

Object-Level
 + New Import Export Print Filter

Page-Level
 + New Import Export Print Filter

PO Number	State	Buyer	Order Date	Delivery Date	Last Modified
260320210011	Sent	Kendal Pharma	16 May 2023	24 May 2023	02 May 2023 12:38 PM
260320213546	Sent	Kendal Pharma	17 May 2023	24 May 2023	11 May 2023 10:38 PM
260320219637	Sent	Kendal Pharma	02 Jun 2023	24 May 2023	12 May 2023 10:18 PM
260320210371	Sent	Kendal Pharma	10 Jun 2023	14 May 2023	16 May 2023 11:08 PM
260320219823	Sent	Kendal Pharma	12 Jun 2023	30 Aug 2023	17 May 2023 12:28 PM
260320210758	Sent	Kendal Pharma	22 Jun 2023	27 Aug 2023	19 May 2023 12:18 PM
260320218011	Sent	Kendal Pharma	18 Jul 2023	26 Aug 2023	22 May 2023 11:20 PM
260320246889	Sent	Kendal Pharma	24 Jul 2023	26 Aug 2023	19 May 2023 10:18 PM

Rows per page 100 Showing 1-100 items

Each operation is tied to a specific object and automatically wires up behaviors,

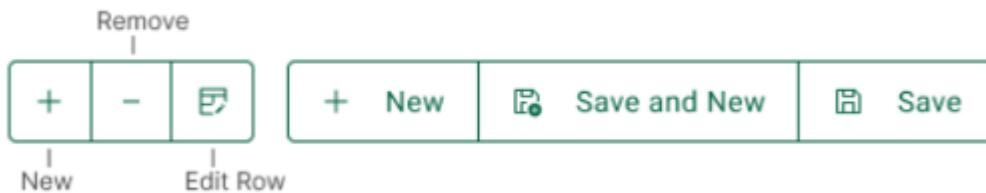
like interactions on an object instance (e.g. edit, save), navigation, and workflow transitions. This ensures consistency across both the UI and API. OPUS offers a diverse range of object types, each with predefined operations that can be seamlessly integrated into your solution. The OPUS Solution Environment (OSE) allows users to effortlessly add these operations through a simple drag-and-drop interface. When an operation is selected, the UI automatically prompts for any necessary input, ensuring instance data is wired up and ready before the operation is executed.

From an OPUS Solution Design perspective, object operations significantly reduce both cognitive load and development overhead by providing predefined actions for each page type, eliminating the need to manually create calls-to-action (CTAs) for individual screens. These operations go beyond typical CRUD (create, read, update, delete) actions, accelerating solution delivery while improving overall quality.

In a multienterprise context, this feature is particularly valuable as it ensures users can only see and perform actions configured for them, based on their assigned roles and permissions. Roles are defined by the operations, menus, and menu items associated with them, providing consistent control over user access across both enterprise and multienterprise applications. Even within your own enterprise (e.g. an enterprise solution), roles are essential for managing user access within a single company, allowing the Owner to enforce specific permissions and actions within their organization.

Standard Operations Simplify User Interactions

Standard operations, such as search, view, create (new), edit, and delete, are predefined for each business object. These actions provide intuitive, consistent ways for users to interact with objects, ensuring a streamlined user experience. Standard operations offer basic functionality required across nearly every business object, eliminating the need for application-specific logic. Some examples include:



- Search (e.g. locating purchase orders)
- New (e.g. creating a new purchase order)
- View (e.g. displaying details of a purchase order)
- Edit (e.g. modifying an existing purchase order)
- Delete (e.g. removing a purchase order)

Specialized Operations Address Unique Business Needs

When standard operations don't meet specific business requirements, OPUS Solution Designers can define specialized operations. These extend beyond basic CRUD actions, addressing unique workflows or permissions. For example, a specialized operation like "editComment" allows more granular control over user interactions.

These are necessary when:

- Specific operation permissions are required.
- Menu item permissions don't restrict API access.
- Multiple screen types are needed (e.g. Full Edit vs. Simple Edit).
- Input arguments exceed standard data model fields.

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Related Content



TraceLink's OPUS Platform

TraceLink's OPUS is a unique platform as a service (PaaS) that integrates a metadata-driven, no-code solution with the world's only end-to-end global life sciences supply chain network, delivering superior business outcomes by optimizing complex multi-enterprise processes to enhance operational efficiency, mitigate risks, enable informed decision-making, and strengthen overall supply chain agility and resilience.

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Transforming Supply Chain Orchestrations With OPUS Solution Environment (OSE)

The OPUS Solution Environment (OSE) empowers organizations to rapidly adapt and innovate by allowing OPUS Solution Designers, regardless of coding skills, to create robust solutions without code, while also supporting advanced configurations with JavaScript for greater flexibility.

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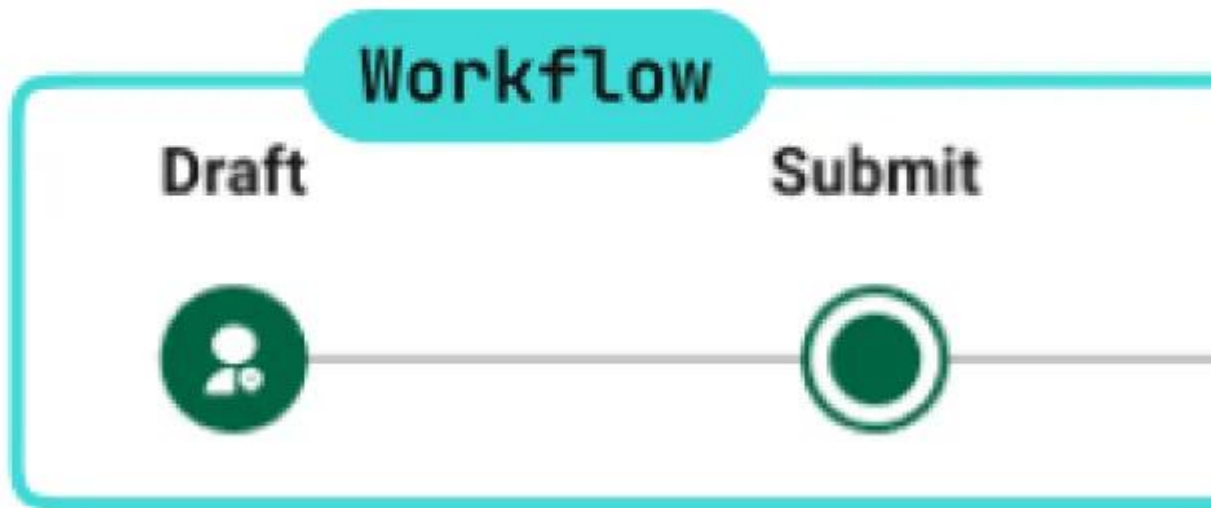
The OPUS Platform's Metadata-Driven, No-Code Solutions

OPUS Solution Designers can create solutions on the OPUS Platform without being data modelers or developers, but understanding core modeling constructs and the benefits of the OPUS approach is beneficial before using the OPUS Solution Environment (OSE).

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Purchase Order Details

/view and edit purchase orders.



Workflows Streamline Business Processes With Configurability and Automation

Workflows enhance business process management by providing structure, automation, and integration, enabling greater efficiency, consistency, and flexibility in operations, which is essential for modern business success.

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Get Started Designing on the OPUS Platform With OPUS Anthem

Anthem is TraceLink's Design System that establishes consistent design conventions across the OPUS Platform, allowing designers to quickly create solutions that meet various business and user needs.

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OPUS Solution Environment

A no-code, drag-and-drop environment that enables business users to tailor the workflows and user experiences of TraceLink solutions to the unique requirements of their supply chain without the need for specialized technical skills or extensive coding knowledge.

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