Celonis

Product Description (1/7)

Legend: ● Included ◔ Optional Add-On ⬤(gray) Not Available

EDITIONS	Celonis Foundation	Celonis Infrastructure (OCPM Enabled)	EMS	EMS DISCOVERY	C4C DISCOVERY	C4C EXECUTE	C4C OPERATE	PRODUCT DEFINITIONS
Available for Sale for new customers	Yes	Yes	No	No	Yes	Yes	Yes	
Celonis Distribution Channel	Direct and Celonis Reseller	Direct and Celonis Reseller	Direct and Celonis Reseller	Direct and Celonis Reseller	Celonis for Consulting	Celonis for Consulting	Celonis for Consulting	

DATA SOURCES AND PROCESS INTELLIGENCE GRAPH

	Celonis Foundation	Celonis Infrastructure (OCPM Enabled)	EMS	EMS DISCOVERY	C4C DISCOVERY	C4C EXECUTE	C4C OPERATE	PRODUCT DEFINITIONS
System Extractor	●	●	●	●	○	●	●	The System Extractor is a software component that extracts data from the source system and sends it to the Celonis platform.
Manual File Upload + Data Push API	●	●	●	●	●	●	●	The Data Push API is an external API that enables seamless ingestion of data in the form of files via a client into a Celonis environment. The Celonis File Upload is a software component that allows importing data in the form of files from a user's local machine to the platform without the need to create a connection to the underlying source system.
Process Connector	●	●	●	●	○	●	●	The Process Connector is a combination of extracting, connecting and transforming data for one source system.
Celonis Kafka Connector	●	●	●	●	○	●	●	The Celonis Kafka Connector enables customers to integrate Kafka streams of real-time, event-driven data into the Celonis platform, to support decision-making and execution.
Quickstarts	●	●	●	●	○	●	●	A simplified Process Connector which allows You to take a first glance at Your process information. A Quickstart includes the source data definition, typically a file upload, an included data transformation and a first glance analysis which is generated automatically.
Data Integration	●	●	●	●	●	●	●	Data Integration connects to many source systems to capture events in the form of digital footprints. Furthermore, it allows the User to transform the extracted data to construct a data model. The data pipeline can be orchestrated and automated through a user interface.
Celonis Common Data Models (CCDM)	●	●	○	○	●	●	●	CCDM is an object centric and system agnostic data model defined by Celonis for standard business processes.
Object Centric Prebuilt Transformations	●	●	○	○	●	●	●	Pre-built transformations for converting source system data to standard object-centric data models.
Object Centric Data Model (OCDM) Building and Editing	●	●	○	○	●	●	●	In the objects & events environment you can model object types and event types and map those via transformations to raw data. You start with a set of standardized, preloaded object types and event types embedded within the new environment and you can easily extend them or create your own. Together the object types and event types build one object-centric data model. This gives you a single data representation of your entire business and acts as a single source of truth for all your process intelligence. To represent a particular business process, on which you can use any Studio asset, you create a perspective by choosing from the object types, event types, and relationships in the object-centric data model.
Perspective Editor (Including Event Logs)	●	●	○	○	●	●	●	Construct a schema suitable for PQL-based analysis from a subset of the objects and relationships in OCDM. Automatically generates event logs for included objects, and allows the user to create custom event logs.
Insights Explorer (Formerly Known as Recommended Insights)	●	●	○	○	●	●	●	Insights Explorer encompasses a set of process-agnostic AI capabilities aimed at surfacing insights automatically for a given knowledge model. The types of insights that are surfaced include subgroups of interest within drilldown dimensions, trends and anomalies, and undesired process behaviors.

Last updated: December 2024

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PLATFORM CAPABILITIES								
Platform Storage and Processing Capacity	●	●	●	●	●	●	●	The Celonis platform stores and processes data subject to the limits specified in the Celonis Metrics Description for OCPM Infrastructure.
Sandbox	●	●	●	●	Sandbox for Consultants is available based on the terms outlined in the Partnership Agreement.			The Standard Sandbox Team serves as a testing environment for independent evaluations and testing within the limits of the defined table rows. The Standard Sandbox Team is provisioned per default upon the rollout of Your Productive Team. It cannot be connected to any other system that is not itself a Sandbox/testing environment.
Premium Sandbox	⬤	◯	◯	◯				The Premium Sandbox Team serves as a testing environment for independent evaluations and testing. The Premium Sandbox Team is only available as a separate Order at an extra charge and will not be provisioned by default. Your Premium Sandbox Team cannot be connected to any other system that is not itself a Sandbox/testing environment. The Premium Sandbox Team enables team-to-team copy functionality, allowing users to copy multiple Packages & Data Pools (meta-data) between two Celonis Teams, including dependency resolution.
Platform, Team & User Management	●	●	●	●	●	●	●	The platform administration is a set of capabilities and administrative controls that correspond to all aspects of the Celonis platform, including deployment settings & configuration, licensing and team management.
Integration with SSO (Federated Identity)	●	●	●	●	●	●	●	By connecting your company's authentication mechanism, your users can log in to your Celonis platform with their existing access credentials. SSO configuration reduces manual account management for your Celonis admins and increases the ease of access for your users.
Application Keys	●	●	●	●	●	●	●	Application Keys are used to authenticate scripts and applications.
Team Security & Privacy	●	●	●	●	●	●	●	The Team Security & Privacy is defining which User is capable of sharing and accessing the content in the platform. A Two Factor Authentication enforces users to validate their identity via email before they can log in and the history of the log-ins will be tracked additionally.
Adoption Tracking (User Adoption Data)	●	●	●	●	●	●	●	Monitoring user behavior with adoption tracking allows the admin to see how often users access the team and what content they access within Studio. This allows the admin to understand usage and adoption.

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PROCESS ANALYSIS								
Celonis Studio, Apps & Experiences	●	●	●	●	●	●	●	The Celonis Studio is where analysts install and customise apps from the Marketplace or create, test and edit their own apps, dashboards and actions. A few building blocks to analyse and improve processes in Studio are: Views (with various components to analyse, visualise and operationalize, e.g. filtering capabilities, Charts, Process Explorer, In-built table actions, Task Management, etc), central storage of Knowledge, Process Adherence Manager, and Action Flows.
Packages	●	●	●	●	●	●	●	Packages are the main structural element in the Celonis Studio and contain collections of assets that interact with each other to generate an app. Within packages the user can create e.g. Views, Knowledge Models.
Shared Machine Learning Workbench	●	●	●	●	●	●	●	Machine Learning (1) provides other Celonis Products such as Celonis Studio, Action Flows, or open application framework applications with advanced analytics data including predictions, simulation scenarios, or analysis of unstructured data, (2) is a platform for data scientists to build advanced analytics use-cases in an open ecosystem, (3) contains a python package to help the User solve the most common process-related machine learning tasks.
Dedicated Machine Learning Workbench	◌	○	○	○	◌	○	○	For heavy machine learning workloads, a dedicated instance is available as an add-on product.
Activity Explorer	●	●	●	●	●	●	●	The Activity Explorer provides an alternative to find out how activities relate to Your process.
Case & Variant Explorer	●	●	●	●	●	●	●	The Case and Variant Explorers allow the User to explore the process based on the end to end variants.
Multi-Object Support in Process Explorer	●	●	◌	◌	●	●	●	The Multi Object Process Explorers allow the User to explore the processes across Objects and Events based on the event occurrences.
Business Miner (Standard)	●	●	●	●	●	●	●	Business Miner is a native-built value discovery tool that lets you observe how your process is running, identify opportunities, and size business impact. It offers standard process mining exploration focused on process performance in the areas of: Throughput Time; Meeting Deadlines; Unwanted Activities and Automation Rate.
Business Miner (Process-specific Content)	●	●	◌	◌	●	●	●	The Business Miner with Process-Specific content offers explorations specialized for the processes of Accounts Payable, Accounts Receivable, Order Management, Indirect Procurement, and Direct Procurement in areas such as on-time delivery (OTD), days payable outstanding (DPO), touchless rate, in between other KPIs.

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PROCESS IMPROVEMENT (1/2)

EDITIONS	Celonis Foundation	Celonis Infrastructure (OCPM Enabled)	EMS	EMS DISCOVERY	C4C DISCOVERY	C4C EXECUTE	C4C OPERATE	PRODUCT DEFINITIONS
Celonis Orchestration Engine	⊗	○	○	⊗	⊗	⊗	⊗	The Celonis Orchestration Engine empowers businesses to digitize and optimize processes using real-time process intelligence. It features a low-code builder for creating automated workflows, enhancing scalability and efficiency, and supports high-speed, high-volume operations. The engine integrates human-in-the-loop interactions, connects to over 1,000 applications, and forms a comprehensive stack with Celonis for end-to-end business value execution.
Action Flows	⊗	●	●	⊗	⊗	●	●	Action Flows provide a real-time low-code automation engine integrated with Celonis' process mining technology to perform next-best actions in cloud, on-prem, and custom applications. Next-best actions comprise unattended automations in enterprise IT systems as well as "human in the loop"-type automations by creating tasks & alerts for users in the platform.
Action Flows Process Intelligence Integration	⊗	●	●	⊗	⊗	●	●	Action Flows can be triggered by users in the platform or by process intelligence to take the right action at the right time. Once triggered, Action Flows can perform and orchestrate actions across 1,000+ 3rd party apps using API-based integrations. They include a low-code drag & drop editor and 10,000+ out-of-the-box actions to enable users to set up automations with ease and security. Action Flows provide enterprise-grade security and governance features such as audit trails to support customers in meeting their compliance requirements.
Skills	⊗	●	●	⊗	⊗	●	●	A Skill is an intelligent automation. They are composed of a sensor, which contains the logic to determine when the Automation needs to run, together with one or more Action Steps that define what happens after the Sensor is triggered. Skills are executed by the Celonis Action Flows. The Action Steps can be automations (API calls) to other systems, alerts to end-users, or prioritization of work in Celonis user-specific Views.
On-Prem Automations	⊗	●	●	⊗	⊗	●	●	Automate in 15+ enterprise on-prem applications using the Celonis On-Prem Agent.
Pre-Built Automations	⊗	●	●	⊗	⊗	●	●	Use 10,000+ pre-built automations across 700+ applications to perform automations.
Scheduled Actions	⊗	●	●	⊗	⊗	●	●	Schedule whenever an Action Flow should be executed (e.g. daily, every Tuesday at 9 am, …).
Drag & Drop Action Flow Builder	⊗	●	●	⊗	⊗	●	●	Configure action flows with a visual, no-code drag & drop editor.
Advanced Automation Tooling	⊗	●	●	⊗	⊗	●	●	Use repeaters, iterators, aggregators, routers and more to configure advanced Action Flows.
Advanced Error Handling	⊗	●	●	⊗	⊗	●	●	Use advanced error handling features to recognize and resolve issues before they become apparent to the business.
Automation in Custom Systems	⊗	●	●	⊗	⊗	●	●	Perform API-based automations in custom systems.
Celonis Process Designer	⊗	○	○	○	●	●	○	Celonis Process Designer creates a full enterprise map of the organization and kickstarts your process designs with AI. Subscribers for Celonis Process Designer get access to Intelligence API solely for CPM purposes if not covered by their Celonis subscription.
Celonis Process Management Bundle	⊗	○	○	○	●	●	○	Celonis Process Management Bundle allows you to map your organization with Process Designer and to enable all your employees on their processes with a comprehensive overview of your process landscape, and integrate process intelligence insights from Celonis into the overview with Process Navigator. Subscribers for Celonis Process Management Bundle get access to Intelligence API solely for CPM purposes if not covered by their Celonis subscription.

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PROCESS IMPROVEMENT (2/2)

EDITIONS	Celonis Foundation	Celonis Infrastructure (OCPM Enabled)	EMS	EMS DISCOVERY	C4C DISCOVERY	C4C EXECUTE	C4C OPERATE	PRODUCT DEFINITIONS
Standard Applications	●	●	●	●	●	●	●	Celonis Applications are designed to identify execution gaps in business processes and provide targeted solutions to close them. These apps are custom-built for specific processes, featuring pre-configured, role-based views, best-practice KPIs, and automated Action Flows. With Standard Apps, businesses can quickly uncover hidden value within their processes. These apps are available at no subscription cost for through the Celonis Marketplace.
Sailfin Collections & Disputes Management Premium Application	⦿	○	○	⦿	⦿	●	○	The Sailfin Collections & Disputes Management Premium Application accelerates collections through customized KPI tracking, advanced analytics, intelligent prioritization, and automation. It optimizes AR processes by enhancing diagnostics, root cause analysis, and enabling scalable dispute resolution. The app establishes a single source of truth and reduces data consolidation work, helps teams intelligently prioritize collections efforts using data-driven logic, enables dispute management from a central hub, and automates dunning outreach to free up valuable collector time.
Sailfin Credit Management Premium Application	⦿	○	○	⦿	⦿	●	○	The Sailfin Credit Management Premium Application optimizes credit operations with data-driven risk assessment, centralized customer information, and streamlined approval processes. This can enhance decision-making efficiency and reduce process friction and risk, improving overall credit management performance. Teams benefit from intelligent credit limit recommendations based on real-time data, including 3rd party data, while being able to manage the credit review cycle from a central hub.
Sailfin Cash Applications Management Premium Application	⦿	○	○	⦿	⦿	●	○	The Sailfin Cash Applications Management Premium Application automates the end-to-end cash application process, leveraging remittance aggregation, matching algorithms, and dispute creation. This streamlines cash flow management and can enhance efficiency in financial operations. The app intelligently consolidates remittance information including from email communication, automates cash applications through intelligent payment/invoice matching, and helps AR teams capture value with AI-guided analyses and AI-enabled features.
Duplicate Invoice Checker Premium Application (Case-Centric)	⦿	○	○	⦿	⦿	⦿	⦿	The Duplicate Invoice Checker Standard Application (Case-Centric) uses machine learning (ML) sensors to analyze data and identify duplicate invoices in the Accounts Payable process. The application groups invoices suspected to be duplicates based on detected patterns, allowing users to review and take necessary actions. This version can process 2-5 million documents at a time and integrates with Marketplace tools. It is implemented as a Studio version with group persistence.
Duplicate Invoice Checker Premium Application (Object-Centric)	⦿	○	⦿	⦿	●	●	○	The Duplicate Invoice Checker Premium Application (Object-Centric) uses AI annotation to identify and group duplicate invoices. It is designed for processing up to 1 billion documents, enabling large-scale document analysis. Users can review grouped invoices, provide feedback, and address duplicate scenarios based on identified patterns. This Studio version includes group persistence through the Marketplace and requires Object-Centric Process Mining (OCPM).
Supply Chain Network Visibility Premium Application (Formerly known as End-to-End Lead Times Premium Application)	⦿	○	⦿	⦿	⦿	●	○	The Supply Chain Network Visibility Premium App focuses on the entire lead time to procure, manufacture, and distribute finished goods, clarifies the impact of each of the component processes on the end-to-end lead time, and reveals the bottlenecks delaying the entire process. The App leverages the object-centric data model to unite all the objects and events associated with procurement, manufacturing and distribution into one perspective and is customizable to support each customer's supply chain.
Material Allocation Premium Application	⦿	○	⦿	⦿	⦿	●	○	The Material Allocation App makes intelligent stock transfer recommendations by using a mathematical optimization model that considers cost constraints and upcoming replenishment and consumption trends. It helps material planners use excess inventory as a source of supply to help overcome stockouts while mitigating excess.
Sustainable Spend Management Premium Application	⦿	○	○	⦿	⦿	⦿	⦿	The Sustainable Spend Management App unifies siloed Procurement & ESG (Environmental, Social & Governance) data sources including purchase requests, ESG scorecards and high-risk suppliers into a single solution to boost the productivity of Category Managers by helping them to meet the highest ESG standards expected by customers, regulators and investors. The App offers a single solution to view, prioritize, and efficiently manage supplier sustainability. It integrates sustainability ratings and scorecards of suppliers into the Celonis platform, integrates high-risk suppliers indicated by a rating provider, recommends which suppliers to prioritize and streamlines taking action to request ESG rating.

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PROCESS MONITORING

EDITIONS	Celonis Foundation	Celonis Infrastructure (OCPM Enabled)	EMS	EMS DISCOVERY	C4C DISCOVERY	C4C EXECUTE	C4C OPERATE	PRODUCT DEFINITIONS
Conformance Checker	Included	Included	Included	Included	Included	Included	Included	The Conformance Checker uses artificial intelligence to automatically detect non-conformant cases and to outline their violations, root-causes and impact on KPIs, by comparing the mined as-is process against a target process model. To define the target model, the Conformance Checker supports importing .bpmn files (BPMN 2.0 Standard), modeling processes with the built-in process modeler or automatically documenting the mined as-is process as the target model.
Process Adherence Manager (Formerly known as Process Sphere)	Not Available	Included	Not Available	Not Available	Included	Included	Included	Process Adherence Manager broadens the perspective of process mining from analyzing a process through a single case ID to analyzing the entire business through the real-world relationships between objects and events. Objects are the individual items that are processed, for example, invoices, sales orders or purchase orders. Events are the process steps relating to those objects such as approvals, changes, or status updates. Process Adherence Manager brings a 3-dimensional view of end-to-end business process execution as it occurs and enables customers to visualize their end-to-end processes in one interactive exploration.
Workforce Productivity	Not Available	Optional Add-On	Optional Add-On	Not Available	Not Available	Not Available	Optional Add-On	The Celonis Workforce Productivity component enables businesses to securely collect and analyze user interactions on desktops in order to increase efficiency by gaining full visibility, understanding changing behaviors and capturing employee experience. In order to be in line with individual requirements, this component is highly configurable and data capturing can be limited according to each specific use case. The law varies significantly between countries and use-cases, therefore You are advised to consult Your legal experts before activating Workforce Productivity for Your Users. Celonis bears no liability for Your use of this functionality.
Transformation Center	Included	Included	Included	Included	Included	Included	Included	Transformation Center helps the User monitor the Performance of all Your processes in one central place. It provides the User with an overview of Your objectives and KPI development. The Transformation Center is designed to measure the success of Your process improvement and transformation initiatives. In the Transformation Center, the User can define qualitative objectives (e.g. strategic initiatives) and assign associated quantifiable KPIs for any data model. This allows You to align Your team, department and company and monitor Your transformation journey.
Transformation Hub	Included	Included	Not Available	Not Available	Included	Included	Included	Transformation Hub is the centralized monitoring tool for quantifying the business impact of all Celonis projects. Transformation Hub allows users to visualize and track outcomes across processes, objectives and value stages in one place. This enables easier identification and orchestration of additional optimization opportunities.

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EXTERNAL PLATFORMS & SOLUTIONS								
Intelligence API	Not Available	Included	Not Available	Not Available	Not Available	Included	Optional Add-On	Intelligence API is a set of read-only Representational State Transfer (REST) APIs that allows Your developers to consume information stored in EMS knowledge models and embed actionable intelligence into the platforms upon which You routinely rely (e.g., Salesforce or ServiceNow). Intelligence API permits external access to EMS records (types and items) and Filters in order to retrieve lists of record instances from Celonis data models. This makes it possible to develop REST API consumers adapted to Your specific knowledge model(s) and ingest EMS data from the knowledge model(s) into Your other platforms. Use of Intelligence API is subject to the provisions of the Celonis API Fair Use Policy located at www.celonis.com\terms-and-conditions.
Celonis Connector for Power BI	Not Available	Optional Add-On	Not Available	Not Available	Not Available	Included	Optional Add-On	The Celonis Connector for Power BI is an addition to Power BI that allows You to natively connect Power BI to Your Celonis instance as You would connect, for example, to a SQL-based database. The Celonis Connector for Power BI will automatically list all published knowledge models and allow the importing of records that are defined in the knowledge models. You will be able to define records in PQL inside the knowledge models and load them not Power BI, enabling the full PQL experience inside Power BI.
Shipping Emissions Premium Application	Not Available	Optional Add-On	Optional Add-On	Not Available	Not Available	Not Available	Not Available	Product is defined here https://www.celonis.com/terms-and-conditions/additional-services/
Material Emissions Premium Application	Not Available	Optional Add-On	Optional Add-On	Not Available	Not Available	Not Available	Not Available	Product is defined here https://www.celonis.com/terms-and-conditions/additional-services/
AP Invoice Ingestion (Powered by Rossum)	Not Available	Optional Add-On	Optional Add-On	Not Available	Not Available	Not Available	Not Available	Product is defined here https://www.celonis.com/terms-and-conditions/additional-services/
EcoVadis Sustainability Rating Solution	Not Available	Optional Add-On	Optional Add-On	Not Available	Not Available	Not Available	Not Available	Product is defined here https://www.celonis.com/terms-and-conditions/additional-services/
IntegrityNext	Not Available	Optional Add-On	Optional Add-On	Not Available	Not Available	Not Available	Not Available	Product is defined here https://www.celonis.com/terms-and-conditions/additional-services/
Unstructured data through GenAI watsonx <> Celonis	Not Available	Optional Add-On	Optional Add-On	Not Available	Not Available	Optional Add-On	Optional Add-On	Product is defined here https://www.celonis.com/terms-and-conditions/additional-services/