Microsoft

Dynamics 365 Business Central, on-premises Licensing Guide

October 2020

Contents

What's new in this licensing guide?

This licensing guide was updated to reflect licensing updates and new online service offerings as of October 2020.

Business Central	Description	New offer or Change
Format	New	Reformatted and renewed for consistent and easy consumption
New version	Version 17	New version
Essentials	New functionality	Retention Policies
Team Members	New included tables	See Appendix A: Oct 2020 additions

Using This Guide

Use this guide to improve your understanding of how to license Microsoft Dynamics 365 Business Central 365 on-premises under the Perpetual Licensing or the Subscription Licensing model. Dynamics 365 Business Central, on-premises fits the needs of midsize businesses with core business needs. It helps organizations connect their financials, sales, purchase, inventory, projects, service, and operations.

This document applies for users with Dynamics 365 Business Central licenses and does not supersede or replace any of the legal documentation covering use rights. For brevity and ease of reading, the Dynamics 365 Business Central application names are shortened, to exclude "Dynamics 365". For a complete list of the Dynamics 365 Business Central applications by branded name refer to Appendix B.

For help determining the right technology solution for any given organization, including the license requirements for a specific product or scenario, consult with your Microsoft Dynamics Certified Partner.

This guide does not supersede or replace any of the legal documentation covering use rights for Microsoft products. Specific product license terms are detailed in the Software License Terms (SLT) document, which is available at https://go.microsoft.com/fwlink/?linkid=2009120&clcid=0x409.

An important distinction to make is between license keys (activation keys) and license entitlements. License keys activate the Microsoft Dynamics software. License entitlements are what customers are entitled to run, and use based on the licenses acquired as described in the SLT.

This document does not apply to Microsoft Dynamics AX, Microsoft Dynamics GP, Microsoft Dynamics NAV, Microsoft Dynamics SL, Microsoft Dynamics 365 for Operations, on-premises, or Microsoft Dynamics 365 (On-Premises). This guide is not intended to influence the choice of Microsoft Dynamics products and services. The examples presented in this guide are illustrative. Microsoft Corporation reserves the right to review and/or update the existing version of this document without any advance notice.

How to buy Business Central, on-premises

Licensing Programs

Business Central, on-premises licenses are only available through the Dynamics Price List (DPL) and licensed through one of two licensing models: Perpetual Licensing and Subscription Licensing:

- **Perpetual Licensing:** software is licensed with permanent usage rights. Customers may use the licensed version of the software for as long as they choose. Perpetual Licensing is an option if customers prefer an upfront investment or want to manage their solution internally, and will run the software on their premises (or, subject to license mobility rights, have it hosted by a third party Infrastructure as a Service [IaaS] provider acting as their agent).

- **Subscription Licensing:** license the use of software with non-perpetual rights, meaning customer can use the software only during the term of the agreement secured by periodic payments. This model lowers initial licensing costs and provides customers with the flexibility to increase or decrease subscription license counts from one subscription term to the next. Subscription Licensing can be used when customers want to have their ERP solution hosted and managed as Software as a Service (SaaS) by their partner or any third party. Alternatively, the software may be deployed on their premises, provided that their Business Central, on-premises partner provides day-to-day management services and maintains sole control over the solution.

There are significant licensing differences between Perpetual Licensing and Subscription Licensing, as illustrated below.

	Perpetual	Subscription
Self-managed, on-premises deployment	✓	
Self-managed, hosted deployment (IaaS)*	✓	
Partner-managed, on-premises deployment		✓
Partner-managed, partner-hosted deployment (SaaS)		✓
Own your licenses	✓	
Lease your licenses		✓
Per User access licenses	✓	✓

*Requires an active enhancement Plan

International Availability

Country, language, and localization availability for Business Central, on-premises is available here.

How to License Business Central, on-premises

Licensing Overview

Business Central, on-premises applications are assigned licenses that are dedicated to a named user or device. Business Central, on-premises offers two types of access licenses: Named Client Access Licenses (CALs), only available under the Perpetual Licensing model, and User Subscription Access Licenses (SALs), only available under the Subscription Licensing model.

Perpetual Licensing

With Perpetual Licensing, you license the desired solution functionality and access to that functionality is secured by licensing access licenses.

It is easy for small and midsize businesses to get quickly and affordably started with Perpetual Licensing. The Essentials user gives customers all setup utilities, provides usage rights to core financial, sales and opportunity, supply chain and inventory, and project management functionalities. The Premium user include everything in the Essentials user, plus service management and manufacturing.

Under Perpetual Licensing, customers license full access to the solution with full named CALs and limited access to the solution with Team Members and Device CALs. When assigning security rights to users, the system administrator will designate each user as a full, Team Members, or a device user.

Note, Essentials and Premium users may not be mixed and matched. Customers must license Essentials or Premium users but not both. Customers may move their users from Essentials to Premium if they move all users at one time. Contact your ROC for more information.

Customers must acquire and assign an access license to each user that accesses the ERP solution directly or indirectly.

Deploying a Self-Managed Solution in an IaaS Environment

Customers with an active enhancement plan have the licensing flexibility needed to manage their own solution, but deploy it in an IaaS environment, such a Microsoft Azure. Through the License Mobility rights included with the enhancement plan, customers may reassign their ERP solution licenses to:

- Any servers running physical operating system environments (OSEs) or virtual OSEs dedicated to the customer and located within the same Server Farm as often as needed, or
- From one Server Farm to another, but not on a short-term basis (i.e., not within 90 days of the last assignment).

Business Central, on-premises may be deployed in a multitenant environment where, by definition, the OSE is not dedicated to the customer. In such case, customers are required to install their license key in the tenant database. This exception to the license mobility requirement that the OSE be dedicated to the customer only applies to the Business Central, on-premises software and not to any of the other Microsoft components required for their ERP solution to run.

SQL Server Runtime use licenses, received via Order Central, do not qualify for license mobility rights. If deploying the ERP solution in an IaaS environment, customers will be required to license SQL through other licensing programs.

"Server Farm" means a single data center or two data centers each physically located:

- In a time zone that is within four hours of the local time zone of the other (Coordinated Universal Time (UTC) and not DST), and/or
- Within the European Union (EU) and/or European Free Trade Association (EFTA).

Subscription Licensing

With Subscription Licensing, customers subscribe to the rights to use Microsoft software and services instead of owning them. Subscription licensing are full month terms that may be cancelled at the end of the term without penalties.

To choose the appropriate SAL type, determine the functionality you require for the ERP solution. If you require only the functionality included with the Essentials user, license the Essentials user SALs (or a combination of the Essentials User, Team Members user and/or device SALs). If you require the functionality of the Premium user, then license the Premium user SALs (or a combination of the Premium user SALs, Team Members user and/or device SALs).

Assigned Licenses

Assigned licenses provide a named user or dedicated shared device with access to applications.

Full User Access Licenses

Full users are the users whose work requires use of the feature rich business applications functionality.

- **Full users**: receive unrestricted direct or indirect access to all of the functionality in the licensed server software including setting-up, administering, and managing all parameters or functional

processes across the ERP Solution. Full users perform tasks across the ERP Solution using all the functionality included with either the Essentials or Premium user and require more write capabilities that those available to Team Members. Every Essentials user requires a Essentials user license, and every Premium user requires a Premium user license.

Additional User Access Licenses

Additional users often represent a large percentage of users in an organization and may consume data or reports from line of business systems, complete light tasks like time or expense entry or be heavier users of the system, but not require full user capabilities.

- **Device**: grants access to Business Central, on-premises from a device. Any user may access a licensed device without the need for a separate user CAL. The Device CAL has restricted functionality but may make more economic and administrative sense if its organization has employees who share devices, such as for shift-based work.

  A user or device licensed with a CAL may access any number of instances of Business Central, on-premises Server or earlier versions of the software running on the organization's servers. Note: Since Business Central, on-premises may be licensed with a user or device CAL, only the user or device requires a CAL but not both. If the user of a device is licensed with a CAL, then the device does not need a device CAL. Likewise, if the device is licensed with a device CAL, then the user does not need a CAL. Customers can mix both user and device CALs.

- **Team Members**: significant percentage of users in an organization and may consume data or reports from line of business systems, complete light tasks but don't require full user capabilities. The Team Members license entitles the user to perform Team Members user tasks across the ERP Solution using the same functionality footprint available to the Essentials and Premium users. Every Team Members user requires a Team Members user license.

Assigned Application Licensing

With Business Central, on-premises, you must license at least one of Essentials or Premium users. Additional access to the service functionality by other users is licensed with Team Members. Business Central functionality is delivered through the Essentials or Premium User.

Business Central Essentials

For more sophisticated processes, yet simple enough to be managed in one solution, **Essentials** provides:

(i) Financial management
(ii) Sales and opportunity management
(iii) Supply chain and inventory management
(iv) Project management

Business Central Essentials Functionality

Financial Management		
Basic General Ledger	Budgets	Fixed Assets
Account Schedules	Cash Flow Forecast	Multiple Currencies
Allocations	Check Writing	Payment Handling
Bank Account Management	Consolidation	Responsibility Centers
Bank Reconciliation	Deferrals	Unlimited Dimensions
Basic XBRL	Electronic Payment/Direct Debits[1]	
Advanced Financial Management		
Cost Accounting	Inter-company Postings	

Artificial Intelligence[2]		
Cash Flow Forecast	Inventory Forecast	Sales Forecast
Image Recognition	Late Payment Prediction	
Customer Relationship Management		
Business Inbox for Outlook	Contact Management	Opportunity Management
Campaign Management	Dynamics 365 Sales Integration[3]	Relationship Management
Campaign Pricing	Email Logging	Task Management
Contact Classification	Interaction / Document Management	
E-Services		
Document Exchange Service	Bank Feeds (US, CA, UK)[1]	Online Map
Document Management, Document Capture	Paypal	Tax. Reg. No. Validation Service (EU)[1]
Human Resources Management		
Basic Human Resources		
Project Management		
Basic Resources	Job Quotes	Project Management Jobs
Capacity Management	Multiple Costs	Time Sheet
Supply Chain Management		
Alternative Order Addresses	Item Charges	Sales Invoice Discounts
Alternative Ship-To Addresses	Item Cross References	Sales Invoicing
Alternative Vendors	Item Substitutions	Sales Line Discounting
Assembly Management	Item Tracking	Sales Line Pricing
Basic Inventory	Location Transfers	Sales Order Management
Basic Payables	Multiple Locations	Sales Return Order Management
Basic Receivables	Order Promising	Sales Tax/VAT[4]
Calendars	Purchase Invoicing	Shipping Agents
Cycle Counting	Purchase Line Discounting	Standard Cost Worksheet
Drop Shipments	Purchase Line Pricing	Stock keeping Units
Item Attributes	Purchase Order Management	Vendor Catalogue Items
Item Budgets	Purchase Return Order Management	
Item Categories	Requisition Management	
Warehouse Management and Inventory		
Automated Data Capture System	Internal Picks and Put Aways	Warehouse Management Systems
Bin Set-Up	Pick	Warehouse Receipt
		Warehouse Shipment
Other		
Analysis Reports	Job Queue	User Management
Change Log	Notifications (on-premises only)	User Tasks
Embedded Power BI	Reason Codes	Word reporting/Document reporting
Extended Text	Retention Policies	Workflow
Intrastat[1]	Unlimited Companies	
Configuration and Development		
Report Designer (100 reports)	Page Designer (100 pages)	Table Designer (10 tables)
XML Port Designer (100 ports)	Query Designer (100 queries)	Codeunits (10 codeunits)

[1]For feature availability in your region, consult https://docs.microsoft.com/en-us/dynamics365/business-central/about-localization
[2]Requires Intelligent Edge or Azure Machine Learning subscription
[3]Requires Dynamics 365 license
[4]Support for Sales Tax or VAT depending on country deployment

Business Central Premium

Premium includes Essentials capabilities and adds key functionality for manufacturing and service order management:

    (i)   Service management
    (ii) Manufacturing

Business Central Premium Functionality

Service Order Management		
Service Order Management	Service Item Management	Planning and Dispatching
Service Price Management	Service Contract Management	
Manufacturing		
Production Orders	Basic Supply Planning	Finite Loading
Production Bill of Materials	Demand Forecasting	Sales and Inventory Forecasting
Version Management	Basic Capacity Planning	Agile Manufacturing
Machine Centers		

Business Central, on-premises per named user license provides users with unrestricted access to the functionality included in Business Central, on-premises Team Members and full user license.

Essentials and Premium licenses include:

- 1 license for an External Accountant user
- 1 license for a System Administrator user

External Accountant licenses are for the sole purpose of providing supplemental professional accounting or bookkeeping services related to the auditing process. System Administrator license is for an employee of your Microsoft Dynamics partner to manage your application and provide support.

Note: Licenses for additional software required to run the solution, such as Microsoft Windows Server, Microsoft SQL Server, and Microsoft SharePoint Server, are not included with the Essentials, the Premium, or the Team Members licenses. You need to license any additional software according to their applicable license terms. See Licenses for Additional Software for more information.

Configuration Components

Configuration components are included for both Essentials and Premium users. Additional configuration components are available for purchase as needed.

Configuration and Development		
Application Builder[+]	Pages (100 pages)	XML Port (100 XML Ports)
Solution Developer[+]	Reports (100 reports)	Queries (100 queries)
Table (10 tables)	Codeunits (100 codeunits)	

[+]Not available in Subscription

Cross Application Licensing

Assigned Access Licenses

Device License

The **Business Central Device** license is a limited license with a subset of Business Central capabilities. This device allows multiple users to use a licensed device to operate a point of sale device, shop floor device, or warehouse device. A single device can provide any of the following functionality in any combination. Device CALs do not include all the capabilities of the full user.

Device SL	Operations – Device and Business Central Device Functionality
Point of Sale	One device located in the Commerce location, used by any individual, for completing customer facing sales of goods or services transactions
Store Manager	One device located in the Commerce location, used by any individual, dedicated to performing the following tasks solely for that Commerce location. Commerce location or Store means a physical location (static or itinerant) operated by you when closing goods or services transactions with customers: • Managing and replenishing inventory • Balancing cash registers and processing daily receipts • Configuring and maintaining menu options displayed by the ISV Devices • Purchasing supplies and services required to run the Commerce Location operations • Managing Commerce Location staff • Processing reports required to analyze and manage Commerce Location results • Managing master data related to Commerce Location operations
Shop Floor	One device used for manufacturing shop-floor functions. Shop Floor Functions: • Clock-in and clock-out • Starting and finishing production jobs (including project activities carried out on the shop floor) • Reporting progress • Materials consumption and completion • Viewing documents and instructions related to production jobs • Viewing worker holiday balances
Warehouse Device	One device used for Warehousing functions: • Receiving • Putting-away • Doing internal stock transfers • Picking, packing • Capturing product attributes • Shipping goods plus performing inventory count checks in the context of a warehouse management system • Posting output and materials consumption against production orders when captured as transfers of raw materials and finished goods between a warehouse and a production line (all other types of transactions are excluded)

Team Members License

The Team Members license is a license designed for users who are not tied to a particular function, but who require basic Business Central, on-premises functionality.

Team Members get restricted access to the ERP Solution to complete only the following tasks:

- 'Read' access to any data contained in the ERP solution; and
- 'Write' access to a maximum of 3 table objects

Team Members users are not authorized to 'write' directly or indirectly to the following tables:

Table Number	Table Name
17	General Ledge Entry
2000000004	Permission Set
2000000005	Permission
2000000053	Access Control

Note, tables described in [Appendix A](#) do not count towards the 3 table objects.

Writing the transactions of a Team Members user to a temporary table then having a full user (or a system process) post those transactions to table 17 is an example of indirect write access to table 17, which is not permitted.

Transactions created by a Team Members user are not considered indirect write access if:

- The transaction is needed by a full user as in an input to perform their job function, and
- Transactions are processed individually (not in a batch).

The Team Members user included tables should allow you to perform the following tasks:

Sales

(i) Create a customer with relevant contact details, based on a template or from scratch
(ii) Create an opportunity for an existing campaign, and relate it to sales quotes or orders

Topic	Task
Quotes	Create a sales quote for an existing or a new customer
	Send a sales quote by email, send it for approval, or convert it to a sales order
Orders	Create a sales order for an existing or a new customer
	Send a sales order for approval

Purchase

(i) Create a vendor with relevant contact details, based on a template or from scratch
(ii) Create a purchase order for an existing or a new vendor
(iii) Send a purchase order for approval

Other Tasks

(i) Fill in an existing timesheet
(ii) Perform document capture - expense reporting by scanning an invoice to create an incoming document

Role Centers

(i) Use the charts on two role centers: order processor (for sales scenarios) and purchasing agent (for purchase scenarios)

However, if your specific deployment requires more than 3 tables not part of the included range to fulfill these tasks, a full user will be required. Any access beyond these limitations requires full user access.

When assigning security rights to users, the system administrator will designate them as full users, Team Members, or device users.

Additional Licensing Requirements

Minimum License Purchase Requirements

There are no minimum license purchase requirements. Note, customers may not mix and match Essentials and Premium users. Customers must license either Essentials or Premium users, not both.

Licensing Requirement for External Users

Your customers are external users. Essentials and Premium licenses include the rights for an unlimited number of external users to access the ERP solution without the need for individual Access Licenses as long as following two restrictions are met:

- External users cannot use any clients provided by the Business Central, on-premises, such as the Business Central, on-premises Windows client, the Business Central, on-premises Web client, the

Business Central, on-premises for Windows, the Business Central, on-premises for iPad or iPhone app, or the Business Central, on-premises for Android Tablet or Phone app.

- External user access does not extend to the customer or the customer's affiliate's contractors, vendors, or agents providing business processes on the customer's behalf or using Dynamics 365 to manage any portions of their business. In this sense, the customer may not use Dynamics 365 to provide business process outsourcing services to its clients.

Your system administrator designates external users in the user table by assigning such users an external user designation.
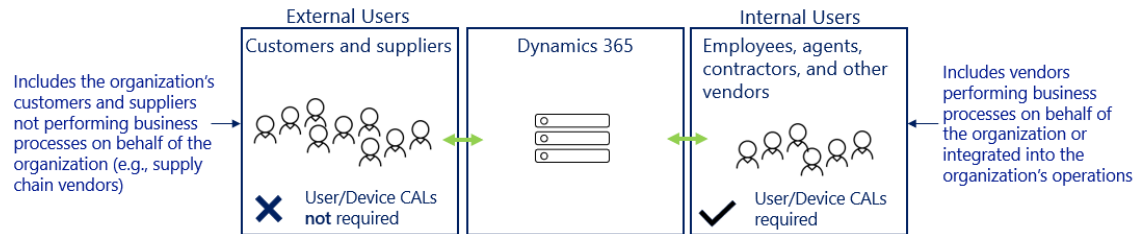

Multiplexing

Multiplexing refers to the use of hardware or software that a customer uses to pool connections, reroute information, or reduce the number of devices or users that directly access or use Business Central, on-premises Server. Multiplexing does NOT reduce the number of licenses of any type required to access the Business Central, on-premises Server. Any user or device that accesses Business Central, on-premises Server—whether directly or indirectly—must be properly licensed.

Business Central, on-premises licenses are required for users or devices that directly input, query, or view data from the Business Central, on-premises Server. Similarity, Business Central, on-premises licenses are required for users or devices that input data into, query, or view data from Business Central, on-premises Server through a pooling device. Pooled connections use a non-interactive user account in Business Central, on-premises that can access the system but only via the web service layer. Internal users and devices accessing Business Central, on-premises data indirectly through a portal or via an API to a separate software such Microsoft Outlook must also be properly licensed, regardless of if they are set up as a Business Central, on-premises user in the server software. For example:

- Internal users and devices access Business Central, on-premises data indirectly through a third-party application must still be properly licensed for Business Central, on-premises

- Users or devices that access the software files, data, or content provided by the product that is made available through an automated process require Business Central, on-premises licenses

- The number of tiers of hardware or software between the Business Central, on-premises Server and the users or devices that ultimately use data, software, or functionality does not affect the number of licenses required.

For additional information about multiplexing refer to the Microsoft Volume Licensing Brief Multiplexing-CAL Requirements. Note, multiplexing does not reduce the number of user licenses required.
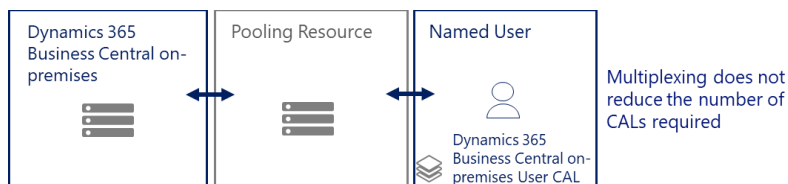
Customizing the Business Central, on-premises Solution

A suite of tools is available to help partners customize your Business Central ,on-premises solution. Your partner may license application objects as needed to modify the solution to your specific requirements. If you are a larger customer with your own IT department, please ask your partner about Application Builder and Solution Developer, two functionality modules designed to give you the tools to modify your solution on your own.

Other Product Licenses

Microsoft Power BI in Dynamics 365

Business Central, on-premises users are not provided with any standalone or general-purpose Power BI license or use rights. Customers who require Power BI Pro will need to license and pay for it separately.

Business Central, on-premises include an option to embed Power BI content as a product feature but require users to subscribe to Power BI (free user or Power BI Pro depending on content) separately to configure access to this content. More details are available in this article.

Licenses for Additional Software

Licenses for other products required for the solution must be acquired separately in accordance with the applicable licensing requirements for these products.

Business Central, on-premises relies upon SQL Server as an enabling technology. Organizations must be properly licensed, by purchasing the SQL Server and SQL CALs separately from the Business Central, on-premises license, to access the Business Central solution. SQL Server and SQL CALs have their own license terms and conditions.

Licenses for additional software that may be required for the solution—such as Microsoft Windows Server and Microsoft SharePoint Server—and their corresponding Access Licenses are not included with the Business Central, on-premises license. You must acquire any necessary licenses for these additional products under the licensing model for the particular product (which may be different than the model used for Business Central, on-premises). To learn more or acquire licenses for additional software, find and contact a Microsoft Volume Licensing partner via: https://www.microsoft.com/Licensing/how-to-buy/how-to-buy.aspx.

For more information about licensing Windows Server and SQL Server, refer to https://www.microsoft.com/cloud-platform/default.aspx.

Appendix A: Team Members Included Tables

The following tables do not count towards the maximum of three permitted for Team Members in Business Central, on-premises.

Table #	Table Name	Date Added	Table #	Table Name	Date Added
18	Customer	Oct 2018	480	Dimension Set Entry	Oct 2018
19	Cust. Invoice Disc.	Oct 2018	481	Dimension Set Tree Node	Oct 2018
23	Vendor	Oct 2018	487	Business Chart User Setup	Oct 2018
24	Vendor Invoice Disc.	Oct 2018	701	Error Message Register	Oct 2020
36	Sales Header	Oct 2018	725	Custom Address Format	Oct 2018
37	Sales Line	Oct 2018	726	Custom Address Format Line	Oct 2018
38	Purchase Header	Oct 2018	728	Copy Item Parameters	Oct 2020
39	Purchase Line	Oct 2018	729	Copy Item Buffer	Oct 2020
43	Purch. Comment Line	Oct 2018	730	Standard Address	Oct 2018
44	Sales Comment Line	Oct 2018	749	Date Lookup Buffer	Oct 2018
51	User Time Register	Oct 2018	760	Trailing Sales Orders Setup	Oct 2018
52	Batch Processing Parameter	Oct 2018	762	Account Schedules Chart Setup	Oct 2018
53	Batch Processing Parameter Map	Aug 2019	763	Acc. Sched. Chart Setup Line	Oct 2018
63	Account Use Buffer	Oct 2018	770	Analysis Report Chart Setup	Oct 2018
83	Item Journal Line	Aug 2019	771	Analysis Report Chart Line	Oct 2018
97	Comment Line	Oct 2018	832	Workflows Entries Buffer	Oct 2018
130	Incoming Document	Oct 2018	852	Cash Flow Azure AI Buffer	Oct 2002
133	Incoming Document Attachment	Oct 2018	869	Cash Flow Chart Setup	Oct 2018
143	ECSL VAT Report Line Relation	Oct 2018	880	Excel Template Storage	Oct 2018
156	Resource	Aug 2019	897	What's New Notified	Oct 2020
167	Job	Aug 2019	900	Assembly Header	Oct 2018
204	Unit of Measure	Aug 2019	901	Assembly Line	Oct 2018
210	Job Journal Line	Aug 2019	904	Assemble-to-Order Link	Oct 2018
222	Ship-to Address	Oct 2018	906	Assembly Comment Line	Oct 2018
224	Order Address	Oct 2018	920	Res. Gr. Availability Buffer	Oct 2020
225	Post Code	Oct 2018	921	Item Turnover Buffer	Oct 2020
237	Job Journal Batch	Aug 2019	922	G/L Acc. Balance/Budget Buffer	Oct 2020
249	VAT Registration Log	Oct 2018	923	Customer Sales Buffer	Oct 2020
308	No. Series	Oct 2018	924	Vendor Purchase Buffer	Oct 2020
309	No. Series Line	Oct 2018	925	Item Availability Buffer	Oct 2020
326	Tax Setup	Aug 2019	926	G/L Acc. Balance Buffer	Oct 2020
336	Tracking Specification	Oct 2018	927	Receivables-Payables Buffer	Oct 2020
337	Reservation Entry	Oct 2018	928	Res. Availability Buffer	Oct 2020
348	Dimension	Oct 2018	929	Bank Account Balance Buffer	Oct 2020
349	Dimension Value	Aug 2019	930	Cash Flow Availability Buffer	Oct 2020
355	Dimension Ledger Entry	Oct 2018	931	Service Item Trend Buffer	Oct 2020
356	Journal Line Dimension	Oct 2018	932	Contract Trend Buffer	Oct 2020
357	Document Dimension	Oct 2018	933	Load Buffer	Oct 2020
358	Production Document Dimension	Oct 2018	950	Time Sheet Header	Oct 2018
359	Posted Document Dimension	Oct 2018	951	Time Sheet Line	Oct 2018
361	G/L Budget Dimension	Oct 2018	952	Time Sheet Detail	Oct 2018
370	Excel Buffer	Aug 2019	953	Time Sheet Comment Line	Oct 2018
389	Service Contract Dimension	Oct 2018	954	Time Sheet Header Archive	Oct 2018
402	Change Log Setup	Aug 2019	955	Time Sheet Line Archive	Oct 2018
403	Change Log Setup (Table)	Aug 2019	956	Time Sheet Detail Archive	Oct 2018
404	Change Log Setup (Field)	Aug 2019	957	Time Sheet Cmt. Line Archive	Oct 2018
405	Change Log Entry	Oct 2018	959	Time Sheet Chart Setup	Oct 2018
454	Approval Entry	Oct 2018	1001	Job Task	Aug 2019
455	Approval Comment Line	Oct 2018	1015	Job Entry No.	Aug 2019
472	Job Queue Entry	Oct 2018	1173	Document Attachment	Oct 2018
474	Job Queue Entry	Oct 2018	1236	JSON Buffer	Oct 2018

Table #	Table Name	Date Added
1306	User Preference	Aug 2019
1311	Mini Last Used Chart	Oct 2018
1314	User Tours	Oct 2018
1315	Purch. Price Line Disc. Buff.	Aug 2019
1319	Sales by Cust. Grp.Chart Setup	Oct 2018
1430	Role Center Notifications	Aug 2019
1432	Net Promoter Score Setup	Oct 2018
1433	Net Promoter Score	Aug 2019
1436	Ess. Business Headline Per Usr	May 2020
1440	Headline RC Business Manager	Oct 2018
1441	Headline RC Order Processor	Oct 2018
1442	Headline RC Accountant	Oct 2018
1443	Headline RC Project Manager	Oct 2018
1444	Headline RC Relationship Mgt	Oct 2018
1445	Headline RC Administrator	Oct 2018
1446	Headline RC Team Member	Oct 2018
1447	Headline RC Prod. Planner	Oct 2018
1448	Headline RC Service Dispatch	Oct 2018
1458	RC Headlines User Data	May 2020
1470	Product Video Buffer	Oct 2018
1471	Product video Category	Aug 2019
1504	Workflow Step Instance	Oct 2018
1506	Workflow Table Relation Value	Oct 2018
1511	Notification Entry	Oct 2018
1518	My Notifications	Aug 2019
1519	Notification Context	Oct 2018
1522	Workflow Event Queue	Oct 2018
1523	Workflow Step Argument	Oct 2018
1524	Workflow Rule	Oct 2018
1530	Workflow Step Instance Archive	Oct 2018
1531	Workflow Step Argument Archive	Oct 2018
1542	Workflow Webhook Sub Buffer	Oct 2018
1550	Restricted Record	Oct 2018
1612	Office Admin. Credentials	Aug 2019
1660	Payroll Setup	Aug 2019
1661	Import G/L Transaction	Aug 2019
1662	Payroll Import Buffer	Aug 2019
1670	Option Lookup Buffer	Oct 2018
1701	Deferral Header	Oct 2018
1702	Deferral Line	Oct 2018
1803	Assisted Setup	Aug 2019
1808	Aggregated Assisted Setup	Oct 2018
2160	Calendar Event	Oct 2018
2161	Calendar Event User Config.	Aug 2019
2162	O365 C2Graph Event Settings	Aug 2019
2163	O365 Sales Event	Aug 2019
2190	O365 Sales Graph	Oct 2018
2650	Email Printer Settings	Oct 2020
3905	Retention Policy Log Entry	Oct 2020
5050	Contact	Oct 2018
5051	Contact Alt. Address	Oct 2018
5052	Contact Alt. Addr. Date Range	Oct 2018
5053	Business Relation	Oct 2018
5054	Contact Business Relation	Oct 2018
5056	Contact Mailing Group	Oct 2018
5058	Contact Industry Group	Oct 2018
5061	Rlshp. Mgt. Comment Line	Oct 2018
5062	Attachment	Oct 2018

Table #	Table Name	Date Added
5065	Interaction Log Entry	Oct 2018
5072	Campaign Entry	Oct 2018
5075	Logged Segment	Oct 2018
5078	Segment History	Oct 2018
5080	To-do	Oct 2018
5085	Contact Duplicate	Feb 2020
5086	Cont. Duplicate Search String	Oct 2018
5092	Opportunity	Oct 2018
5093	Opportunity Entry	Oct 2018
5106	Document Dimension Archive	Oct 2018
5107	Sales Header Archive	Oct 2018
5108	Sales Line Archive	Oct 2018
5109	Purchase Header Archive	Oct 2018
5110	Purchase Line Archive	Oct 2018
5113	Contact Dupl. Details Buffer	Oct 2018
5123	Inter. Log Entry Comment Line	Oct 2018
5125	Purch. Comment Line Archive	Oct 2018
5126	Sales Comment Line Archive	Oct 2018
5127	Deferral Header Archive	Oct 2018
5128	Deferral Line Archive	Oct 2018
5150	Integration Page	Oct 2018
5151	Integration Record	Oct 2018
5152	Integration Record Archive	Oct 2018
5199	Attendee	Oct 2018
5200	Employee	Oct 2018
5201	Alternative Address	Oct 2018
5203	Employee Qualifications	Oct 2018
5205	Employee Relative	Oct 2018
5207	Employee Absence	Oct 2018
5214	Misc. Article Information	Oct 2018
5328	CRM Synch Status	Oct 2020
5330	Microsoft Dynamics 365 Connection Setup	Aug 2019
5373	CRM Full Synch. Review Line	Oct 2018
5374	CRM Synch Conflict Buffer	Oct 2018
5405	Production Order	Aug 2019
5406	Prod. Order Line	Aug 2019
5407	Prod. Order Component	Aug 2019
5468	Picture Entity	Oct 2018
5475	Sales Invoice Entity Aggregate	Oct 2018
5476	Sales Invoice Line Aggregate	Aug 2019
5477	Purch. Inv. Entity Aggregate	Aug 2019
5478	Purch. Inv. Line Aggregate	Aug 2019
5479	Journal Lines Entity Setup	Aug 2019
5480	Tax Group Buffer	Aug 2019
5481	Account Entity Setup	Aug 2019
5487	Balance Sheet Buffer	Oct 2018
5481	Account Entity Setup	Aug 2019
5488	Trial Balance Entity Buffer	Aug 2019
5489	Dimension Set Entry Buffer	Aug 2019
5495	Sales Order Entity Buffer	Oct 2018
5499	Aged Report Entity	Oct 2018
5503	Acc. Schedule Line Entity	Oct 2018
5504	Tax Area Buffer	Aug 2019
5505	Sales Quote Entity Buffer	Aug 2019
5507	Sales Cr. Memo Entity Buffer	Oct 2018
5509	Attachment Entity Buffer	Oct 2018
5510	Employee Time Reg Buffer	Oct 2020

Table #	Table Name	Date Added		Table #	Table Name	Date Added
5648	FA Allocation Dimension	Oct 2018		9004	Subscription Plan	Aug 2019
5720	Manufacturer	Aug 2019		9005	User Plan	Aug 2019
5765	Warehouse Request	Oct 2018		9006	Plan Permission Set	Aug 2019
5766	Warehouse Activity Header	Oct 2018		9007	User Group Plan	Aug 2019
5767	Warehouse Activity Line	Aug 2019		9008	User Login	Aug 2019
5770	Warehouse Comment Line	Aug 2019		9009	Permission Set Buffer	Oct 2018
5772	Registered Whse. Activity Hdr.	Oct 2018		9050	Warehouse Basic Cue	Oct 2018
5773	Registered Whse. Activity Line	Oct 2018		9051	Warehouse WMS Cue	Oct 2018
5806	Contact Duplicate Search	Oct 2018		9052	Service Cue	Oct 2018
5809	Item Charge Assignment (Sales)	Oct 2018		9053	Sales Cue	Oct 2018
5814	Inventory Period	Oct 2018		9054	Finance Cue	Oct 2018
6304	Power BI User Configuration	Oct 2018		9055	Purchase Cue	Oct 2018
6306	Power BI Report Labels	Oct 2018		9090	Autocomplete Address	Oct 2018
6307	Power BI Report Uploads	Oct 2018		9091	Postcode Service Config	Aug 2019
6308	Power BI Ongoing Deployments	Oct 2018		9144	Approvals Activities Cue	Oct 2020
6309	Power BI Service Status Setup	Oct 2018		9150	My Customer	Oct 2018
6310	Power BI Customer Reports	Oct 2018		9151	My Vendor	Oct 2018
6505	Lot No. Information	Aug 2019		9152	My Item	Oct 2018
6550	Whse. Item Tracking Line	Oct 2018		9153	My Account	Aug 2019
7002	Sales Price	Oct 2018		9176	Experience Tier Setup	Oct 2018
7004	Sales Line Discount	Oct 2018		9177	Experience Tier Buffer	Oct 2018
7007	Price Calculation Buffer	Oct 2020		9178	Application Area Setup	Aug 2019
7012	Purchase Price	Oct 2018		9179	Application Area Buffer	Aug 2019
7014	Purchase Line Discount	Oct 2018		9180	Generic Chart Setup	Oct 2018
7135	Item Budget Dimension	Oct 2018		9400	Media Repository	Aug 2019
7310	Warehouse Journal Batch	Oct 2018		9500	Email Item	Oct 2018
7311	Warehouse Journal Line	Oct 2018		9501	Email Attachment	Oct 2018
7312	Warehouse Entry	Oct 2018		9510	Email Parameter	Oct 2018
7313	Warehouse Register	Oct 2018		9852	Permission Buffer	Oct 2020
7318	Posted Whse. Receipt Header	Oct 2018		9888	SmartList Export Results	Oct 2020
7319	Posted Whse. Receipt Line	Oct 2018		9889	SmartList Import Results	Oct 2020
7320	Warehouse Shipment Header	Oct 2018		10800	Acc. Schedule Name (FR)	Aug 2019
7321	Warehouse Shipment Line	Oct 2018		10801	Acc. Schedule Line (FR)	Aug 2019
7322	Posted Whse. Shipment Header	Oct 2018		10825	Shipment Invoiced (FR)	Aug 2019
7323	Posted Whse. Shipment Line	Oct 2018		10860	Payment Class (FR)	Aug 2019
7324	Whse. Put-away Request	Oct 2018		10861	Payment Status (FR)	Aug 2019
7325	Whse. Pick Request	Oct 2018		10862	Payment Step (FR)	Aug 2019
7326	Whse. Worksheet Line	Oct 2018		10863	Payment Step Ledger (FR)	Aug 2019
7331	Whse. Internal Put-away Header	Oct 2018		10864	Payment Post Buffer (FR)	Aug 2019
7332	Whse. Internal Put-away Line	Oct 2018		10865	Payment Header (FR)	Aug 2019
7351	Lot Bin Buffer	Oct 2020		10866	Payment Line (FR)	Aug 2019
7354	Bin	Oct 2018		10867	Payment Header Archive (FR)	Aug 2019
7800	MS-Event Emitter Event Codes	Oct 2018		10868	Payment Line Archive (FR)	Aug 2019
8400	Record Set Definition	Aug 2019		10869	Bank Account Buffer (FR)	Aug 2019
8401	Record Set Tree	Aug 2019		10870	Payment Address (FR)	Aug 2019
8450	Field Buffer	Oct 2018		10871	Unreal. CV Ledg. Entry Buffer (FR)	Aug 2019
8620	Config. Tmpl. Selection Rules	Oct 2018		12170	Payment Lines (IT)	Oct 2018
8888	Email Outbox	Oct 2020		13758	Str. Order Archive Details (IN)	Aug 2019
8889	Sent Email	Oct 2020		13792	Structure Header (IN)	Aug 2019
8890	Sent email for User	Oct 2020		13793	Structure Details (IN)	Aug 2019
8891	Email Outbox for User	Oct 2020		13795	Structure Order Details	Aug 2019
8900	Email Message	Oct 2020		13799	Str Order Line Archive Details (IN)	Aug 2019
8901	Email Error	Oct 2020		16300	Range 16300-16700 (IN)	Aug 2019
8903	Email Recipient	Oct 2020		28002	Address Buffer (APAC)	Aug 2019
8904	Email Message Attachment	Oct 2020		31130	Certificate CZ Code (CZ)	Aug 2019
9001	User Group Member	Aug 2019		31131	Certificate CZ (CZ)	Aug 2019
9002	User Group Access Control	Aug 2019		99000850	Planning Assignment	Oct 2018
9003	User Group Permission Set	Aug 2019		99008535	TempBlob	Aug 2019

Table #	Table Name	Date Added
2000000067	User Default Style Sheet	Oct 2018
2000000068	Record Link	Oct 2018
2000000073	User Personalization	Oct 2018
2000000075	User Metadata	Oct 2018
2000000080	Page Data Personalization	Oct 2018
2000000111	Session Event	Oct 2018
2000000159	Data Sensitivity	Aug 2019
2000000175	Scheduled Task	Aug 2019
2000000185	Tenant Media Thumbnails	Aug 2019
2000000226	Query Navigation	Oct 2020

Appendix B: Dynamics 365 License List and Definitions

Dynamics 365 Licenses:	Written as:
Dynamics 365 Business Central Device	Device
Dynamics 365 Business Central Essentials	Essentials
Dynamics 365 Business Central Premium	Premium
Dynamics 365 Business Central Team Members	Team Members

Definitions:

Named CALs are assigned on a "named user" basis, meaning each user requires a separate user License; named user licenses cannot be shared but an individual with a named user license may access the service through multiple devices.

User SALs, only available in the subscription Licensing model, grant individual users the right to access the application irrespective of the number of users simultaneously accessing the application. Like named CALs, a unique user SAL must be assigned to each individual user that will access the solution functionality. SALs are specific to an individual and cannot be shared.

Appendix C: Additional Resources

Microsoft Dynamics 365	https://www.microsoft.com/dynamics/default.aspx
Software License Terms (SLT)	https://go.microsoft.com/fwlink/?linkid=2009120&clcid=0x409
Support	https://mbs.microsoft.com/customersource/Global/news-events/news-events/news/Service-Plans
CustomerSource	https://mbs.microsoft.com/customersource/
Dynamics 365 Business Central Licensing Guide	https://go.microsoft.com/fwlink/?LinkId=871590&clcid=0x409

Appendix D: Change Log

Page	Topic	Change	Action	Date
All	Format	New	New format	October 2020
Appendix A	Team Members	New	For new Team Members Included Tables see tables with Oct 2020	
7	Essentials	New	New feature under the 'Other' category: Retention policies	
3, 4, 8, 9	Device	New	Business Central Device	July 2020
12 & 13	Team Members Users Tables	New	1436: Ess. Business Headline Per Usr 1458: RC Headlines User Data	May 2020
Various	Format	Updated	Correct typos in Appendix A	April 2020
12	Team Members included tables	New	Added table 5085: Contact Duplicate	February 2020
2	Users	Added	Note, you may not mix and match Essentials and Premium users. You must license Essentials or Premium users but not both. *Customers are allowed to move their users from Essentials to Premium as long as they move all users at one time. Contact the ROC for more information.*	January 2020
14	Functionality	Added	Clarified details and footnotes for the Essentials functionality and removed Microsoft Pay as an E-Service.	January 2020
16	Configuration Components	Clarified	Moved the a la carte components to Appendix D and clarified that the components are available for purchase	January 2020
10-12	Team Members	New	Added new Team Members Users Included Tables dated Aug 2019.	August 2019
8	External Accountant/ System Administrator	Added	Included at no charge, one CAL for an External Accountant user and one CAL for a System Administrator user	May 2019
8	External Accountant/ System Administrator	Removed	Only included in Subscription	December 2018
12 & 13	Configuration & Development	Added	Added tables, pages, codeunits, XML ports, designer granules to Essentials and Premium functionality tables	November 2018