

Excel-based tool for managing 13 Period Accounting Date Ranges (PART #296)

The **DP/Period Manager** is a special application designed to allow users to **"manage"** the various date ranges for those corporate entities that utilize the **13 Period Accounting** feature within the **Infinity POWER** accounting modules.

When a new "**company**" is set up or defined within the **Infinity POWER** software, one of the first things that must be configured is the type of fiscal year calculation that will be done for the business. First, and most commonly, a company will use a "**calendar**" year end of December to coincide with normal reporting periods for the Federal and State governments and the filing of **W-2s** and **1099s**. In this mode, the ending "**Month of Year End**" would be "12" to represent the month of December as shown on the following screen.

| (| Configuration | | | | | | | | | | |
|--|---------------|--------|---------|---------|--------------|----------------------------------|---|------------|--|--|--|
| 2 | Input | Output | Display | General | System Paths | Module Paths | Fiscal Periods | Multi-User | | | |
| Month Of Year End: 12 - Starting Fiscal Year: | | | | | | ⊤Transaction <u>B</u> eginnin | Transaction Lockout Dates: Beginning Date: | | | | |
| Dates | | | | | | <u>E</u> nding D | Ending Date: | | | | |
| | | | | | | | | | | | |

Other companies may choose an alternative month of year end to stay away from the calendar year end for various business purposes. Therefore, if their year-end were in June, for example, the "Month of Year End" would be "6" to represent the month of June.

The final option is to define the "Month of Year End" as "13." This means that the business has been advised by its CPA or consulting firm to manage its date ranges in a certain order for specific or industry reasons.

The following screen illustrates this configuration:

| Configuration | | | | | | | | × | |
|-------------------|---------------------------|---------------------|---------|--------------|-----------------------------------|---|------------|---|--|
| Input | Output | Display | General | System Paths | Module Paths | Fiscal Periods | Multi-User | | |
| <u>M</u> o Sta | onth Of Ye arting Fisc | ar End: al Year: | | | - Transaction <u>B</u> eginnin | Transaction Lockout Dates: Beginning Date: | | | |
| | | Dates | | | Ending Date: | | | | |
| | | | | | | | | | |

DP/Period Manager communicates directly to Excel by using the advanced **POWERServer** module which is included in each variation of the **Infinity POWER System Administrator** module. This capability lies at the heart of all Data Pro E-commerce technology.

ROLLING FIVE YEARS

The Infinity POWER accounting modules have always allowed users to define the valid date ranges of each period using the "13 Periods" configuration menu option within a fiscal year. What DP/Period Manager is designed to do is allow Management to control the "long term" and "predefined" schedule of fiscal periods for the company. Typically, these date ranges are defined by the company's CPA firm or consultant, in advance. The menu option within the System Administrator module allows for the management of a "rolling five year period" of time.

As time goes by, however, it is the on-going management of those date ranges that becomes more challenging. Particularly if you need to go back and perform audits and/or make any kinds of journal entries in prior fiscal periods of time, knowing these valid date ranges is essential. As the original five year rolling window starts to expire, it becomes time to define additional or new valid date ranges.

It is recommended that any new dates be added at any time within **Year #2** and **Year #4**. You do not have to wait until the end or beginning of a fiscal year to make these additions. By making these adjustments within **Years 2-4**, you always leave a prior year and a final year date range in place so it is never adjusted incorrectly along the way.

To put this concept in a better light, let's consider that you may have started utilizing your **Infinity POWER** software in the calendar year of **2023**. When you originally configured the software, you needed to define the initial **"rolling five year"** date range within the **System Administrator** module.

This would have prompted you to define the valid date ranges for each of the **13** periods within the first five years. The following screen illustrates how this data entry screen would appear:

| | 💽 Fiscal Period Dates — 🗆 🗙 | | | | | | | | |
|----------|-----------------------------|-----------|----------------|-------------|--|---|--|--|--|
| Ed | lit Navig | Jation | | | | | | | |
| | • | ▲ ▼ ▶ ▶ 9 | 🖁 🛱 🧭 🖮 | 76 🔯 🖏 🖏 | | | | | |
| <u>[</u> | etail — | | | | | | | | |
| Ī | ltem # | Period | Beginning Date | Ending Date | | | | | |
| | 1 | 01/2023 | | 01/01/2023 | | ^ | | | |
| | 2 | 02/2023 | 01/02/2023 | 01/29/2023 | | | | | |
| | 3 | 03/2023 | 01/30/2023 | 02/26/2023 | | | | | |
| | 4 | 04/2023 | 02/27/2023 | 03/26/2023 | | | | | |
| | 5 | 05/2023 | 03/27/2023 | 04/23/2023 | | ~ | | | |
| | Comp | ute Dates | Save | Cancel | | | | | |

This screen then allows you to either manually enter the date ranges for each period within each fiscal year for the next five years or have the software automatically **"compute the dates"** for you based on **28**-day increments. Even if you use this method you can still make adjustments along the way within each year to define the 13th period. It may be a single day or shorter period for reporting purposes.

The point is that the **Infinity POWER** software can only define a "**rolling five year**" window of dates at one time. Once that date range begins to expire, the "active" range of dates must be updated. This is where the **DP/Period Manager** software comes into play.

Because the **DP/Period Manager** uses the **POWERServer** communication engine along with the **Advanced Security Administrator** user rights, only specific users have access to this advanced feature. Therefore, you should limit this capability only to "**Executive Management**" or users with **SYSADM** rights since this is such a powerful tool.

This tool is designed to allow you to store as many valid **13 Period** date ranges as you desire in Microsoft Excel and maintain/create those date ranges within Excel. You could store **100** years or more of valid date ranges in Excel.

As a result, the **DP/Period Manager** then allows you to read in your current configuration and also upload to the software the valid ranges of dates you want "active" in the **Infinity POWER** software at any time. The benefit to this is that you can then access older data files for auditing purposes and to also update and create new valid date ranges going forward. You will easily be able to manage all **13 Period** date ranges on a "company by company" basis. You may be operating dozens of companies within the software and they may have variable date ranges, by company. This tool allows you to very easily manage each and every company.

INSTALLING DP/PERIOD MANAGER

You may download **DP/PERIOD MANAGER** via from the **Data Pro Accounting Software** web site (www.dataproacconting.com/download). You will need to save the main file (**DPPeriodSetup.exe**) to a directory on your PC or network as shown below:

| > Downloads | | | | | | | | |
|-------------|--------------------|--|--|--|--|--|--|--|
| | Name | | | | | | | |
| * | ∨ Today (3) | | | | | | | |
| * | DPAuditorSetup.exe | | | | | | | |

You may get a message from Windows Defender that warns you to "Don't run."

Click on the **"More Info"** option at the top left.



Choose the "Run Anyway" option instead.

| Windows protected your PC | × |
|---|---|
| Microsoft Defender SmartScreen prevented an unrecognized app from starting. Running this app might put your PC at risk. | |
| App: DPPeriodSetup(1).exe Publisher: Unknown publisher | |
| Run anyway Don't run | |

The **DP/PeriodSetup.exe** file will begin the installation process. The following screen will appear:



Click "Next" to continue or you can click "Change" to create a different path.



Click "Next" to continue.

The next screen will confirm that the Installation is now ready to begin. Click on **"Install"** to begin, the **"Cancel"** button to halt the process or the **"Back"** button to make alternative selections on prior screens.

| 🙀 DP/Period 13 Period Management - InstallShield Wizard 🛛 🗙 |
|---|
| Ready to Install the Program The wizard is ready to begin installation. |
| Click Install to begin the installation. |
| If you want to review or change any of your installation settings, dick Back. Click Cancel to exit the wizard. |
| |
| |
| |
| |
| |
| |
| InstallShield |

The system will extract a series of files and prepare the installation so that you may continue on the following screen.



It shows where the "default" location of the applications will be placed on your computer. If you click on "Change" you may elect to install the application in another directory or another drive on your PC or network. You may click "Cancel" to halt the installation process.

| 😸 DP/Period 13 Period Management - InstallShield Wizard | × |
|---|------------|
| Change Current Destination Folder | 4 |
| Browse to the destination folder. | |
| Look in: | |
| DPPeriod V | e 💣 |
| | |
| | |
| | |
| | |
| | |
| Eolder name: | |
| C:\DPPeriod\ | |
| InstallShield | |
| ОК | Cancel |

Click on the "OK" button to continue the installation. The following screen will be displayed.

| 😸 DP/Period 13 Period Management - InstallShield Wizard | × |
|--|---|
| Ready to Install the Program The wizard is ready to begin installation. | |
| Click Install to begin the installation. | |
| If you want to review or change any of your installation settings, click Back. Click Cancel to exit the wizard. | |
| | |
| | |
| | |
| | |
| | |
| | |
| InstallShield < Back | |

The software will now begin to install. This may take a minute or two. You can click on the "Cancel" button to halt the installation.

| 🔀 DP/Period 13 Period Management - InstallShield Wizard — 🗆 🗙 | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|
| Installing DP/Period 13 Period Management The program features you select d are being installed. | | | | | | | | | |
| i de la constante de la consta | Please wait while the InstallShield Wizard installs DP/Period 13 Period Management. This may take several minutes. Status: | | | | | | | | |
| InstallShield – | < Back Next > Cancel | | | | | | | | |



The installation will complete and you can just click on the "Finish" button to continue.

Once you are done, realize that what you have installed now is an Excel spreadsheet with special automation capabilities built into it that you can't see. You will find that because it is a spreadsheet and since you can basically install it wherever you want, you may want to create a **"shortcut"** on your desktop to make it easier for you to remember where to locate it in the future.

To do so, go to the directory where you just installed the **DP/Period Manager** utility. In the example below, this is **C:\APPS\DPPeriod**.

| Local Disk (C:) | > Apps > DPPeriod | |
|-----------------|-------------------|---|
| | Name | ^ |
| * | DPPeriod.xlsm | |

To create a shortcut on your desktop, highlight the file with your mouse and right click so that the menu appears as shown below. Select the "**Create shortcut**" menu option.



Next, you will want to send your shortcut to your desktop. To accomplish this, click on the red highlighted options after you right click on the **DP/Period** shortcut file.

| DPPeriod.xlsm | 8/25/2014 1:48 PM | Microsoft Excel M | 38 KB |
|--------------------------|---------------------------------|---------------------------------------|---------------------------------|
| DPPeriod.xlsm - Shortcut | 9/20/2023 9:59 AM | Shortcut | 2 KB |
| | Open | | |
| | Open file location | | |
| | 💷 Open 'DPPeriod' in WinZip | | |
| | Quick actions | > | 8 Bluetooth device |
| | WinZip PDF Express | > | Compressed (zipped) folder |
| | WinZip SafeShare | · · · · · · · · · · · · · · · · · · · | Desktop (create shortcut) |
| | Neur | | 🗄 Documents |
| | New | | 🜏 EditPlus 3 |
| | Print | | 📰 Fax recipient |
| | Share with Skype | | 🖃 Mail recipient |
| | 찀 Convert to Adobe PDF | | Pegasus Mail |
| | 📆 Create and Share Adobe PDF | | TeamViewer |
| | 🐑 Combine files in Acrobat | | 🔁 WinSCP (for upload) |
| | n EditPlus 3 | | 👳 DPRO Marketing (\\data1) (N:) |
| | Open with | | net PowerApps (((data1) (P:) |
| |) Add to archive | | 🛖 SCCS (\\data1) (S:) |
| | 🗎 Add to "DPPeriod.rar" | | Apps (\\dpdc03) (U:) |
| |) Compress and email | | DPASCorp (\\data1) (V:) |
| |) Compress to "DPPeriod.rar" an | id email | 🛫 Websites (\\dataweb) (W:) |
| | Restore previous versions | | FTPFolders (\\dataweb) (X:) |
| | | | |
| | Send to | <u> </u> | ArchiveData (\\veeam-01) (Z:) |
| | | | |

This will have the effect of creating an icon on your desktop similar to the following image:



Now, you can simply double click on the shortcut and the system will launch **Microsoft Excel** and open the **DP/Period Manager** file automatically. When it does, the opening screen will appear as shown on the following screen. If this is the first time you have loaded the file, you may get a **"Security Warning that Macros have been disabled."**

Click on the **"Enable Content"** button to proceed.

| 🗿 📙 🎾 × ⊽ DPPeriod.xIsm - Excel | ♀ Search | |] | Scott Fenimore SF | <i>l</i> ä – | |
|--|--|---|---|---------------------------------------|----------------------------------|-----------|
| File Home Insert Page Layout Formulas Data Review | v View Help DYMO Label | Acrobat | | | | 🖻 Share 👻 |
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| Clipboard Is Font Is Alignment Is | Number 🕞 Styles | Cells | Editing Add-in | s Adobe Ac | robat | ~ |
| U SECURITY WARNING Macros have been disable . Enable Content | | , | | | | × |
| A1 \checkmark : $\times \checkmark f_x$ | | | | | | ~ |
| A B C | D E | F | G | Н | - I - 1 | ј К |
| | | Specify Connection to the | Accounting System | | | |
| DATA PRO ACCOUNTING SOFTWARE, INC. | | POWERServer Hostname: POWERServer Port Numbe Company ID: User ID: Password: | localhost 9500 ins | | | |
| 10 11 12 13 14 Number of Years: 15 | | Current Company Settings Starting Year: Get Current Settings | Update Curr | ent Settings | | |
| 16 17 Fiscal Period | Ending Date | Recalc Fiscal Periods | Fiscal Period | Ending Date | | |
| 18 | | | | | | - |
| < > 13 Period Settings + | | | | _ | _ | • |
| Ready Circular References 🞇 Accessibility: Investigate | | | | | | |

Notice that this Excel spreadsheet opens with a series of three boxes dedicated to a variety of configurations and prompts. They are tied together. The upper box will make the request for data from the **System Administrator** module and will then extract and deposit the data into the two areas below.

The top right box must be defined to communicate with your accounting server and then to specify which "company" you want to access. *Data Pro supports multi-company processing. (Press the F4 key to change or create new companies inside the Infinity POWER software).*

| Specify Connection to the Accounting System | | | |
|---|------------------|--|--|
| POWERServer Hostname: | accountingserver | | |
| POWERServer Port Number: | 9500 | | |
| Company ID: | ins | | |
| User ID: | ******** | | |
| Password: | ****** | | |

In the **"Specify Connection to the Accounting System"** box, the first configuration option is to define the **"POWERServer Hostname."**

This would be the name of the computer where the **POWERServer** has been installed and is communicating directly with your accounting software modules. If this computer is the same computer as where you are installing **DP/Period Manager**, you can use the default setting of **"Localhost"** which means it is calling the same computer that both applications are installed on.

If at this time, you have never set up the **POWERServer** as a feature of your **Infinity POWER** modules, then skip to the section of this manual where there is documentation on how to set up the **POWERServer**. It is normally found as part of the **Advanced Security Administrator** module setup in the **System Administrator** module.

Likewise, if you do not have the **Advanced Security Administrator** feature turned on in your software and have been using the "**Standard Security**" feature, then you will have to first deploy this feature before you can proceed.

Data Pro Technical Support at 727-803-1550 can assist users with this security reconfiguration.

If you are not certain of the name of your accounting server or PC where the accounting data is hosted, go to that machine and right click on the **"COMPUTER"** icon on your desktop as shown below:



Click on the "**Properties**" option as highlighted on the following screen:

| This PC | D000 11 |
|----------------------------|--------------------------|
| 🔰 3D Objects | Collapse |
| Desktop | Manage |
| Documents | Pin to Start |
| Downloads | Map network drive |
| Music | Open in new window |
| Pictures | Pin to Quick access |
| Videos | Disconnect network drive |
| Local Disk (C:) | Add a network location |
| 🔤 OS (D:) | Delete |
| 🚪 DPRO Marketing (\\data1) | Rename |
| PowerApps (\\data1) (P:) | Properties |

The next screen will have a section that will display the Computer Name, Description and whether you are attached to a Domain. Enter the **Full Computer Name**.



Do not enter the **IP Address** as it may change over time. The computer name most likely will not. Notice in the example below that it is **"accountingserver."**

| Specify Connection to the Accounting System | | | | |
|---|------------------|--|--|--|
| POWERServer Hostname: | accountingserver | | | |
| POWERServer Port Number: | 9500 | | | |
| Company ID: | ins | | | |
| User ID: | ****** | | | |
| Password: | ****** | | | |

Next, enter the **POWERServer Port Number**. This is the **PORT** # on the network where the traffic may flow. This is part of the configuration of the **POWERServer**. **Port 9500** is generally the standard port number that is used.

You will next enter the three character **Company ID**. This alpha/numeric identifier tells the software which company you are processing transactions on. You may have tens of thousands of combinations using the three digit options.

You may also want to save **DP/Period Manager** multiple times in the same directory using a naming structure associated to different Company IDs, if you plan to configure **13 Period** date ranges regularly from differing companies. That way, you can configure each variation uniquely to each company once and then call it up based on a unique icon from your desktop as needed, or simply by its unique filename.

For instance, the default name of the file is: **DPPeriod.xlsm**. If you had three companies, you could name them: **DPPeriod100.xlsm**, **DPPeriod200.xlsm & DPPeriod300.xlsm**. You would open up each file separately and you would probably be calling the same **POWERServer Hostname** and **Port Number**, but would use a different **Company ID** for each implementation.

Next, you will enter the same User ID and Password you would use when logging into the Infinity POWER software. This will control the Advanced Security rights that will be passed to DP/Period Manager in the same way as they are passed to you when you login to the accounting software. Whatever rights you have in the accounting software, they will be the same in DP/Period Manager.

If you do not have rights to the main configuration option for "Fiscal Periods" in the software, you will not be able get access to any of that data in **DP/Period Manager**. As mentioned earlier, keep in mind that if you do have the necessary rights to this option, once you have "accessed" this data into a spreadsheet, you will want to save it in a network secure directory or on your local machine where you have proper security as the data is now in a Microsoft Excel file and no longer protected by the Infinity POWER Advanced Security Administrator module.

Much care must be exercised when utilizing this tool. Also, you may have rights in **Company 100**, but not in **Company 200** and **Company 300**. Therefore, different users may be configured for differing filenames.

Master 13 Period Settings



The left side of the screen has the box that is designed to assist you with defining all valid "13 **Period Date**" ranges. There are two column headings with the box that are defined.

On the left is the "Fiscal Period." The other side is the "Ending Date" for each of the "Fiscal Periods." When you first install the DP/Period Manager, this information will be blank. As an added piece of assistance, you may enter the "Starting Year" in the top line of the box. Next, enter the "Number of Years" in which you would like the software to generate a listing of Fiscal Periods.

For instance, in the previous image, the "Starting Year" was defined as "2020" and the "Number of Years" entry was "20." When you click on the "Calc Fiscal Periods" button, the system will automatically generate a listing of 13 Periods for each year for 20 years similar to the following screen:

| Master 13 Period Settings | |
|---------------------------|---------------------------|
| Starting Year: | 2020 |
| Number of Years: | 20 |
| Calc Fiscal Periods | |
| ¢ | |
| | Fiscal Period Ending Date |
| | 01/2020 |
| | 02/2020 |
| | 03/2020 |
| | 04/2020 |
| | 05/2020 |
| | 06/2020 |
| | 07/2020 |
| | 08/2020 |
| | 09/2020 |
| | 10/2020 |
| | 11/2020 |
| | 12/2020 |
| | 13/2020 |
| | 01/2021 |
| | 02/2021 |
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| | 04/2021 |
| | 05/2021 |
| | 06/2021 |
| | 07/2021 |
| | 08/2021 |
| | 09/2021 |
| | 10/2021 |
| | 11/2021 |
| | 12/2021 |
| | 13/2021 |
| | 01/2022 |

This just simply defines the **13 Fiscal Periods** by year. Your next task is to actually define the **"Ending Date"** of each of the **13 Fiscal Periods** within the year. As discussed earlier, there are no hard and fast rules on how this must be done. This can and will vary by business and industry. It is very common for your CPA and/or corporate consultant to provide you with these valid date ranges.

These ranges can be entered for over one hundred years or more and maintained in this Excel file. It is the **"rolling five years"** within the **Infinity POWER** software that we will define shortly.

First, you must finish entering the "Ending Date" of each fiscal period. For instance, you may want the first 12 periods to have an even twenty eight (28) days in each period for even comparisons across fiscal years. If so, you may want to enter the first date in the following format:

01/28/2020 {ENTER}

Make sure to enter the slashes behind the **Month/Day/Year** format or Excel will not recognize it as a date format. If you would want, you can manually enter and calculate all of the next **28** day dates into the following cells. Or, you can go into the next cell down and enter the following formula:

=D18+28 {ENTER}

"D18" in this example happens to be the **Column** and **Row #**, plus **28** *(for days)*. Once you enter this formula in the second cell, you can then copy the cell down for the next twenty years, if desired, and it will calculate all of your **"Ending Dates"** automatically for you in twenty eight day increments.

However, let's assume that you want all of your 13 Fiscal Periods to still finish within the same calendar year. Therefore, you may want the 13th Period to actually always end on December 31st. You would then just manually enter "12/31/2020" in the 13th Fiscal Period Ending Date and the system will automatically continue to re-calculate the 28 days increments from there. You would then proceed to 2021, 2022, 2023, etc. in the same manner. The following screen illustrates the result:

| Starting Year: Number of Years: | 2020 20 | |
|------------------------------------|---------------|-------------|
| Calc Fiscal Periods | | |
| | | |
| | | |
| | Fiscal Period | Ending Date |
| | 01/2020 | 1/28/2020 |
| + <u>+</u> + | 02/2020 | 2/25/2020 |
| 12 | 03/2020 | 3/24/2020 |
| | 04/2020 | 4/21/2020 |
| | 05/2020 | 5/19/2020 |
| | 06/2020 | 6/16/2020 |
| | 07/2020 | 7/14/2020 |
| | 08/2020 | 8/11/2020 |
| | 09/2020 | 9/8/2020 |
| | 10/2020 | 10/6/2020 |
| | 11/2020 | 11/3/2020 |
| | 12/2020 | 12/1/2020 |
| | 13/2020 | 12/31/2020 |
| | 01/2021 | 1/28/2021 |
| | 02/2021 | 2/25/2021 |
| | 03/2021 | 3/25/2021 |
| | 04/2021 | 4/22/2021 |
| | 05/2021 | 5/20/2021 |
| | 06/2021 | 6/17/2021 |
| | 07/2021 | 7/15/2021 |
| | 08/2021 | 8/12/2021 |
| | 09/2021 | 9/9/2021 |
| | 10/2021 | 10/7/2021 |
| | 11/2021 | 11/4/2021 |
| | 12/2021 | 12/2/2021 |
| | 13/2021 | 12/31/2021 |
| | 01/2022 | 1/28/2022 |

Notice that the 13th Period in 2020 and 2021 have 30 and 29 days instead of the 28 days in the other periods. If there is a Leap Year, it will be reflected by this variance. But only on the 13th Period, while the other 12 Periods all have consistent values.

Current Company Settings

| Current Company Settings Starting Year: | |
|--|---------------------------|
| Get Current Settings | Update Current Settings |
| Recalc Fiscal Periods | Fiscal Period Ending Date |

The "**Current Company Settings**" box is where you get to review all of the valid date ranges for this particular company and determine whether they need to be "**recalculated**" and/or if you should update those ranges into the **Infinity POWER** software.

For instance, in the previous example, notice that our **Defined Set of Fiscal Periods** was for **20** years starting with calendar year **2020**. If your current date is **2025**, you are about to run out of valid date ranges for processing going into **2026**. This is where this whole program becomes extremely useful.

Because you can manage as many years as you desire, you would simply enter your "Starting Year" as the year in which you want to work with a "rolling five years." If you enter 2025, for example, the system will get all of the dates for 2025, 2026, 2027, 2028 and 2029.

First, start with the option to "**Get Current Settings.**" This will allow you to retrieve your current 13 period settings from the current Data Pro Company file. This allows you to review your existing settings before adjusting the Starting Year and recalculating a new 5-year set of date ranges

By using the **"Update Current Settings"** button, this set of date ranges will automatically be updated into the **Infinity POWER** configuration data files for Fiscal Periods.

WARNING: All users must be out of the Data Pro software before you click on the "Update Current Settings" button. That way when all of the users log back into the software, they will have the new updated 13 Period date ranges.

If you should ever need to go back and perform an audit or make any adjustments to a prior fiscal year, you can enter the desired "Starting Year" in this box, review the date ranges and then have the DP/Period Manager "Update Current Settings." That means you could go back to 2020 again.

Perform your audit, print reports, enter adjustments and journal entries, if necessary. If you do make any journal entries, you must go to the General Ledger Menu Option to **"Bring Balances Forward"** in each fiscal year until you reach the current fiscal year.

The following image illustrates where it is located on the menu in the **"Set Up and Maintenance"** option in the **General Ledger** module.



If you do enter a new fiscal year, such as our example for **2025**, you would want to use the **"Recalc Fiscal Periods"** button to ensure that it updates all of the **"Periods"** to match the Fiscal Year that was entered.



Once the "Re-Calc Fiscal Periods" has completed, the screen should look similar to the following:

| Current Company Settings Starting Year: | 2023 | |
|--|----------------------|--------------|
| Get Current Settings | Update Curre | ent Settings |
| Recalc Fiscal Periods | | |
| · · | Fiscal Period | Ending Date |
| | 01/2023 | 1/28/2023 |
| | 02/2023 | 2/25/2023 |
| | 03/2023 | 3/25/2023 |
| | 04/2023 | 4/22/2023 |
| | 05/2023 | 5/20/2023 |
| | 06/2023 | 6/17/2023 |
| | 07/2023 | 7/15/2023 |
| | 08/2023 | 8/12/2023 |
| | 09/2023 | 9/9/2023 |
| | 10/2023 | 10/7/2023 |
| | 11/2023 | 11/4/2023 |
| | 12/2023 | 12/2/2023 |
| | 13/2023 | 12/31/2023 |
| | 01/2024 | 1/28/2024 |
| | 02/2024 | 2/25/2024 |
| | 03/2024 | 3/24/2024 |
| | 04/2024 | 4/21/2024 |
| | 05/2024 | 5/19/2024 |
| | 06/2024 | 6/16/2024 |
| | 07/2024 | 7/14/2024 |

Notice that now the current Fiscal Period is **2023** and moving forward into **2024** and beyond. If this is in fact the date range you want to use going forward, then you would simply click on the **"Update Current Settings"** button to finish the update for this specific company.

Keep in mind that each Excel Spreadsheet should be saved as a workbook by "**Company**." If you have **25** companies, you will need **25** workbooks.

The following screen illustrates what both sides of the **DP/Period Manager** would look like once it has been more fully populated:

| DATA PRO | | | | Specify Connection to the Acco | unting System | |
|---------------------------|---------------------|-------------|---|--------------------------------|-------------------|--------------|
| ACCOUNT | INIC | | | POWERServer Hostname: | localhost | |
| SOFTWARE | | | | POWERServer Port Number: | <mark>9500</mark> | |
| SUFTWARE | , INC. | | | Company ID: | ins | |
| | | | | User ID: | ********* | *********** |
| | | | | Password: | ********** | ****** |
| DP/Period 13 Period N | /lanagement Utility | 1 | | | | |
| Master 13 Period Settings | | | 1 | Current Company Settings | | |
| Starting Year: | 2020 | | | Starting Year: | 2023 | |
| Number of Years: | 20 | | | | | |
| Calc Fiscal Periods | | | | Get Current Settings | Update Curre | ent Settings |
| | | | | | | |
| | Fiscal Period | Ending Date | | Recaic Fiscal Periods | Fiscal Period | Ending Date |
| | 01/2020 | 1/28/2020 | - | P | 01/2023 | 1/28/2023 |
| | 02/2020 | 2/25/2020 | | | 02/2023 | 2/25/2023 |
| | 03/2020 | 3/24/2020 | | | 03/2023 | 3/25/2023 |
| | 04/2020 | 4/21/2020 | | | 04/2023 | 4/22/2023 |
| | 05/2020 | 5/19/2020 | | | 05/2023 | 5/20/2023 |
| | 06/2020 | 6/16/2020 | | | 06/2023 | 6/17/2023 |
| | 07/2020 | 7/14/2020 | | | 07/2023 | 7/15/2023 |
| | 08/2020 | 8/11/2020 | | | 08/2023 | 8/12/2023 |
| | 09/2020 | 9/8/2020 | | | 09/2023 | 9/9/2023 |
| | 10/2020 | 10/6/2020 | | | 10/2023 | 10/7/2023 |
| | 11/2020 | 11/3/2020 | | | 11/2023 | 11/4/2023 |
| | 12/2020 | 12/1/2020 | | | 12/2023 | 12/2/2023 |
| | 13/2020 | 12/31/2020 | | | 13/2023 | 12/31/2023 |
| | 01/2021 | 1/28/2021 | | | 01/2024 | 1/28/2024 |

POWERServer

This section will cover the general concepts of the **POWERServer** module which is included as a core component of the **System Administrator** module. It is included here as it is required that the **POWERServer** be configured and running for the **DP/Period Manager** module to be able to function.

The prerequisite required to use the **POWERServer** module is the **Advanced Security Administrator** module. It must be installed and running. You cannot use "**Standard Security**" with the **POWERServer**. Instead, you must be able to specify a **User ID** to be assigned to handle the **TCP/IP** calls from **DP/Period Manager** to the **POWERServer**, which passes along the specific users' rights and permissions to access data from the various modules.

POWERSERVER CONFIGURATION

The **POWERServer** may be accessed from the "Systems" menu as shown below:



Once you select the **POWERServer Module**, there are four data items that need to be set up for the **POWERServer Configuration**.

| POWERServer Configuration | | × |
|------------------------------|------------------------|---|
| Tools Launch | | |
| | | |
| Login User <u>N</u> ame: | Powerstv | |
| Login User <u>P</u> assword: | **** | |
| IP <u>S</u> ocket Port #: | 9500 | |
| Activity Logging: | Log connections only ~ | |
| | | |
| | | |
| Save | Cancel Apply | |
| | | |
| | | |

| LOGIN USER NAME | The Login User Name is the User ID set up in the Advanced Security Administrator module for the specific user to be called to communicate between the client and the POWERServer. "Web" is a common User ID used for defining web servers and other automated communications. |
|------------------------|--|
| LOGIN USER PASSWORD | The Login User Password is the password that was assigned to the specific User ID in the Advanced Security Administrator that corresponds with the Login User Name. |
| IP SOCKET PORT | The IP Socket Port is the port number that is defined to use to communicate through the TCP/IP protocol. This port number should match the port number, used by the client application when initializing the TCP/IP connection to the POWERServer . Commonly, Port 9500 is used by Data Pro applications. |
| ACTIVITY LOGGING | The POWERServer module can create a log file, which contains information about user logins and their activity (requests and responses made to and from the POWERServer). There are three choices for logging the POWERServer activity. Disable Log Log Connections Only Log All Activity NOTE: When you choose to log "All Activity" the POWERServer log file can become very large in size. It is suggested that this should only be done during a testing or |

START POWERSERVER PROCESS

Once the configuration section is completed and saved, you may then start the **POWERServer** process. The system will display a box on your screen and ask **"Do you wish to start it now?"** Click on the **"Yes"** button and a new application window will appear on your desktop.



This window must be kept open as it is waiting to receive requests from the client. That is why it is generally better to set up **POWERServer** as a **"Windows Service,"** which allows it to run in the background all of the time, even if you should have to reboot your computer.

| 🏪 Waiting for connection | | | |
|--------------------------|--|--|--|
| File Help | | | |
| | | | |
| | | | |
| | | | |

SETUP POWERSERVER AS A WIN32 SERVICE

One of the servers or workstations on your network must now be chosen as the **POWERServer** "server." This is the server that runs the **POWERServer** process in the background, listening for connection requests from the client application *(like DP/Period Manager)* and then accessing the accounting system. It is recommended that you choose the same network server that the accounting system is installed on.

SETTING UP POWERSERVICE:

1. From the Accounting Server, <click> the Start button and select the Run menu option or "Search Programs and Files" from your desktop as shown below.

| | Typelhere to search | | | | | |
|-----------------------|---------------------|-----------|-----|--------|--|--|
| | | | Or | | | |
| All | Apps | Documents | Web | More 🔻 | | |
| Best m | atch | | | | | |
| Command Prompt App | | | | | | |

- 2. Type "cmd" in the Open text box. Right click on the cmd.exe application and choose "Run as administrator."
- 3. Press **ENTER** and the Command Prompt window displays.



- 4. Change the directory to where the accounting system is installed (i.e. *cd c:\apps\power*). The prompt changes to the accounting software directory.
- 5. From the command prompt in the accounting software directory, type "**POWERService install**" and press **Enter** on the keyboard. This command installs the **POWERServer** module as a **Windows Service** which automatically starts whenever your server is turned on or rebooted.
- 6. Type "exit" and press Enter on the keyboard to close the command prompt window.

STARTING THE POWERSERVER FOR THE FIRST TIME

Once the **POWERServer** has been installed as a service, you must start the process for the first time.



1. From your Windows desktop, <right-click> on the **My Computer** icon and select the **Manage** menu option. The Computer Management window displays as shown on the following screen.

| 🔚 Computer Management | | |
|--|---------------------------|--------------------------|
| File Action View Help | | |
| 🧇 🌳 🔲 📑 📄 🚺 | | |
| Computer Management (Local | Name | Actions |
| System Tools | 👫 System Tools | Computer Management (L 🔺 |
| Event Viewer Shared Folders Local Users and Groups Performance Device Manager Storage Disk Management Services and Applications | Services and Applications | More Actions |
| ۰ III + | < III | • |
| | | |

- 2. From the menu on the left, <click> the **Services and Applications** option and then select the **Services** sub-option. A list of services installed on your system displays in the right window.
- 3. Scroll down to the **POWERServer** service, <right-click> and then select the **Start** menu option. The **POWERServer** utility starts and returns to the **Computer Management** window.

| 🜆 Computer Management | | | | | | | - |
|---|------------------------------|--------|------------|-------------|-------------|------------|------------|
| File Action View Help | | | | | | | |
| | | | | | | | |
| Computer Management (Local | Services | _ | | | | | Actions |
| System Tools Task Scheduler | POWERServer | Name | ^ | Description | Status | Star ^ | Services 🔺 |
| Event Viewer R Shared Folders | <u>Start</u> the service | Rower | | Manages p. | . Started | Aut | More 🕨 |
| | | C POWE | Ctart | Runs nower | | Aut | POWERSer 🔺 |
| & Method Local Users and Groups No Performance | Description: | Pr | Stop | es t ice | Started | Aut Mar | More 🕨 |
| 🚔 Device Manager | Runs powerd.exe as a Windows | 🔍 Pr | Pause | ice | Started | Aut | |
| 🔺 🔄 Storage | service. | 🔍 Pr | Resume | pr. | | Mar | |
| Disk Management | | C Pr | Restart | ice | Started | Aut | |
| Services and Applications | | Q Q | All Tasks | Vin | | Mar | |
| 🗃 WMI Control | | Q. Re | All Tasks | di | Started | Mar | |
| By SQL Server Configuratic | | 🔍 Re | Refresh | Des | Started | Mar | |
| | | 🔍 Re | Properties | ser | Started | Mar | |
| | | 🔍 Re | | ne r | Started | Mar | |
| | | Re | нер | SS | Started | Aut 👻 | |
| | | • | | | | • | |
| Extended Standard / Extended Standard / | | | | | | 1 | |
| Start service POWERServer on Local | Computer | | | | | | |

PRINT POWERSERVER LOG FILE

You may print the **POWERServer** log file at any time by choosing this option. This option will also allow you to remove the **POWERServer** log file. When you remove the log file, it will be recreated upon the next call to it from the client (i.e. **DP/Period Manager**). Please keep in mind that if you are logging **"All Activity,"** this file can become very large in size.

| Print POWERServer Logfile | | | × |
|---|----------|--------|---|
| Tools Launch | | | |
| \searrow | | | |
| Press the buttons below to either print the POWERServe clear the existing log file. | r log fi | le, or | |
| Print Log File Clear Log File Clos | e | | |

Below is a sample portion of one page out of hundreds of a "**printed log file.**"

| Output Display - POWERServer Log File | | | | | × |
|---|--|---------------|--------------------|-------------|---|
| Page Send | | | | | |
| | Close Cancel | Zoom: 🔍 🍳 80% | ~ | Page: 1 | |
| | Infinity POWER Sample Company, Inc. POWERServer Log | | Pag (-1) 09/19/ | e 1 2023 | ^ |
| 031122 9:42A Connected to client at 127.0.0.1 | | | | | |
| 031122 9:42A RECV: <set~company=ins,date=clock> received from client</set~company=ins,date=clock> | | | | | |
| 031122 9:42A SEND: <0> send to client | | | | | |
| 031122 9:42A RECV: <discon> received from client</discon> | | | | | |
| 031122 9:42A SEND: <0> send to client | | | | | |
| 031122 9:44A Connected to client at 127.0.0.1 | | | | | |
| 031122 9:44A RECV: <set*company=ins,date=clock> received from client</set*company=ins,date=clock> | | | | | |
| 031122 9:44A SEND: <0> send to client | | | | | ~ |



111 Second Avenue Northeast • Suite 360 • St. Petersburg, FL • 33701 • US 727-803-1500 Sales • 727-803-1535 Fax • E-mail: <u>dpasales@dpro.com</u> <u>www.dataproaccounting.com</u>

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