## Advantage Gold ${ }^{\text {TM }}$ QUICK START GUIDE

## INSTALLATION and SETUP

1. Install Advantage Gold on your computer. Here is a direct link to the Advantage Gold install file on our web site. By default, it should install to "C:\Program Files\SmartLuck\agold" folder. We don't recommend changing the folder unless you have a reason and are knowledgeable enough to deal with the changed folder. You can install the program in Demo Mode to use a limited version for free. To access the full version, you will need the registered name, serial number, and installation key.
2. Open the Advantage Gold program icon (a yellow A* symbol) created by the install program on your desktop. The program will open to the main history view screen.
3. Get some History files: The first step is to download history files before you start using Advantage Gold. Under the top menu, choose Help $\rightarrow$ Run Lottery Updater to run Lottery Updater and download your game files. You can run this program any time, but our updates are usually done Monday-Friday around noon. Close Lottery Updater when done. You can also access Lottery Updater by clicking the icon from the Select History screen.

## SELECTING YOUR HISTORY FILE

1. Choose your game. From the drop down in the top right of Advantage Gold,

PENNSYLVANIA Lotto 6/40+b(d)
Select History Drop Down Selector choose the history file you want to use.
From the selection screen, you will see a list of all the files you downloaded with Lottery Updater. Quickly find the lottery you want by typing the state letters of that lottery. For example, type fl5 to get the Florida pick-5 lottery or nyk to get New York Keno game. Each letter you type will move the light bar closer to what you're looking for. Press ENTER when you find the game you want. Or you can choose a file to work with by double
clicking, clicking a file and choosing the Select button, or right clicking a file and choosing Open. If the list shows only Pennsylvania dead lotto, then you missed step 3 step above, or Advantage Gold is not in the folder expected by Lottery Updater.
2. Favorites. You can also save a file as a favorite by clicking the Add to Favorites button. Once you have favorites added, they will be listed as small buttons at the top of this screen so you can find them more easily in the future. Right-click a favorite button to remove it or rename the button.

## EDITING THE HISTORY

Lottery Updater will usually get files current as of the last business day (based on USA Eastern time zone Gmt-5). If you are using a lottery that draws more frequently, you may need to key in the weekend's winning numbers yourself to get the history current before using the charts. This was designed to be as easy as we could see how to make it, so that it would be easy for us to use as well.

## 1. Add new drawing.

- $\quad$ Lottery Website: To find the lottery's official game results in order to update with a new drawing, click the lightning bolt button. This will take you to the website we have saved for this game.
- When viewing your selected game's history from the main menu (Modify History screen), press ENTER to enter edit mode and a new drawing line will appear at the end of the history file. It will show the projected date based on the drawing days used the previous week. (If the date is wrong because of a missed drawing or a new drawing date, use the left arrow key and you can correct the date by using the up/down arrow keys or just type the corrected date as a 6-digit date. Press ENTER (or tab) if you changed the date to get back to the position of the first number of the drawing.
- Type in the winning numbers using two digits for each number. The program will automatically step through each entry inserting the dashes between numbers.
- Save: When all numbers are entered, the program will drop down to the location of the next drawing. Press ENTER again
or hit the Cancel button if you are finished. Then hit the Save button or File $\rightarrow$ Save.

2. Insert a drawing. If you need to add a missed drawing in between results, you can right-click and choose Insert $\rightarrow$ Insert Entire Drawing. Note that you can also add a drawing to the end with an older date, and it will automatically sort by date once you save the file.
3. Edit a drawing. To edit an existing drawing, double click on the drawing to enter edit mode and update the numbers by typing over them or press the Clear button and then type the correct numbers. Note that only the Date and Numbers columns can be edited. The Day column will automatically display based on the date, and the other columns are stats that are automatically created based on each drawing.
4. Edit file properties. To edit the properties of a file such as the location, name, dates of ranges and number fields, click the hammer Properties button. Note that edits made to the properties will be overwritten if you download our history file updates.

## USING CHARTS - TOP HIGHLIGHTS

## GENERAL NOTES

- Any examples shown in this document are using the Pennsylvania Dead Lotto file. To follow along, please select this game.
- 곸 Select or change charts: Once you have selected your history file, you are ready to go. Use the Pick Chart drop down menu, the number/letter shortcut keys from Advantage Plus, or the Charts link on the main top menu to select your chart to view. From inside any chart, use the chart selector button to close the chart and go back to the main screen with the chart menu open so you can choose a new chart.
- Column Sorting: Many charts will sort the columns shown by highlighting the column header. For most charts, the column that is currently being sorted is highlighted in yellow. Click a column header to
sort the data by that column in ascneding order. Click again to sort in descending order.
- 暍 Print using F2, the small printer button, or File $\rightarrow$ Print.
- R Change Range using the Range button. Range specifies which drawings you are including in the data of the chart. The program default is to use the entire game file, or the pre-locked range which starts at the first drawing of the most recent number field of the game. You can also use the small left and right arrow buttons at the bottom right of a chart window to quickly add or remove a drawing from the range. The H button will reset the range. $\square$ The number to the left of the arrows displays how many Smart Picks the chart selected.
- Back: To go back or close a chart, click the $\mathbf{x}$ in the top right, or press the ESC key.
- End/Home: You can use the End and Home key to jump to the first and last row in a chart instead of scrolling.
$\mathrm{B}^{-} \mathrm{B}^{+} \mathrm{B}^{x}$ Bonus number options: If the game has a bonus or Powerball number, there will be $\mathrm{B}-\mathrm{B}+$, and $\mathrm{B}^{*}$ icons at the top left of each chart. Use these to display the chart with and without the bonus, or for only the bonus number.


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 Graph display options: For charts with graphs, you can click the different graph icons to display the chart in a different way: line chart, bar chart, area chart, points with best fit line, or points with best fit curve.
## SMART PICKS®

Seven of the Charts in Advantage Gold, Charts 3, 4, 5, 6, 7, C and D, have Gail's rules for picking numbers built into the chart. The selected numbers, the Smart Picks, are marked with '*' (asterisk) next to the lotto number. Advantage Gold contains a Scoreboard (Chart V) where each chart's Smart Picks are recorded. When you update the history files, that
scoreboard is cleared. Then when you run each chart, a column of the Scoreboard is filled in. As long as you have at least one chart run, you can go to the Smart Picks screen, Chart W, and tell it how many numbers you want. It will choose the numbers picked by the most charts that you ran. The Number Group Test chart to the right of Chart W will show you how the selected set of Smart Pick numbers would have performed in past drawings for your game. It tells you the number of drawings and percentage of drawings that these numbers would have matched 1 or more winning numbers in the past.

If you want to run all the Smart Pick charts quickly and then get the best numbers based on that, from the Advantage Gold Main Menu, press $3-E S C, 4-E S C, 5-E S C, 6-E S C, 7-E S C$, C-ESC, D-ESC, then press W and type in the number of Smart Picks you want, ex. 18 and press ENTER. The top 18 numbers would show on the screen.

That said, we don't recommend the Smart Picks, unless you just don't have the time to study the charts. Analyzing the charts can normally do better.

## Chart 3 - Quick Stats ${ }^{\text {m }}$

Press $\mathbf{3}$ or select the 3. Quick Stats chart from the menu to bring up Chart 3. This shows statistics about the past performance of each number. Notice the Smart Pick asterisks in the first column on the left on some of the numbers, 03*, 08*, 10*, 14* and 15* are all starred as smart picks.

The Range of Drawings that are included in the chart is shown at the bottom center of each chart next to the range button, "Range: 1 to 621 (04-16-02-2/15/08)", in this example.

Click the Hits column to sort by the total hits. This will show the top number as 26 with 126 hits. Number 36 will be highlighted and it shows a total hits of 82 hits. So the top hitting number here, as in most lotteries, has hit more than a third more often than the least hitting number.

MOST IMPORTANT POINT ABOUT CHART 3: In all lotteries, the position of numbers in this chart tend to remain close to the same rank especially the top and bottom numbers. In the Florida Pick 6 Lottery, for example, the top hitting number, 28 , was the top hitting number for more than 600 drawings. If you look at the entire 621 games of the Pennsylvania dead lottery, it will show that 26 was the top number for 319 drawings.

That doesn't mean the top numbers will hit in every drawing or that you should include them in every drawing. But you should strongly consider the top 10 numbers in each drawing as candidates, and definitely avoid the bottom few numbers, unless you have a good reason to use them.

## $13 \uparrow$ \& Rollback Drawings + and -

You can use the new arrow buttons at the bottom of each chart to quickly change the range. Hit the back arrow button or the Minus key on the keyboard, '-' to roll back the history by one drawing - i.e. the last drawing is removed from consideration. The range shown will change to "Games 1 to 620." Notice that the numbers $+02 *,+04^{*}$ and +06 all have the + to their left. This shows the numbers that were drawn on the drawing just past the last used by the chart. It's a peek ahead. On this page, the numbers with a plus and an asterisk are Smart Picks that were correct, $+02^{*}$, and $+04^{*}$. Numbers with the asterisk but without the plus are Smart Pick numbers that did not hit, 10*, 14* and 15*. Numbers without an asterisk but with the plus sign are numbers that were missed by the Smart Picks, +06.

## Range Settings

If you look at samples of 10,000 coin tosses, you would expect the results to be very close to $50 \%$ in just about every sample. If you look at just 100 tosses, you would see $40 \%-60 \%, 30 \%-70 \%$ and many other arrangements of the results. The $50 \%-50 \%$ split would be no more likely that the others. This would give you a current trend to help in predicting the next results. Lotteries are the same. The results are just spread over more points - one for each number. If you include enough drawings, there would be little difference in the statistics for any numbers. It would hide the most recent trends making the information just about useless.

At the bottom of most Advantage Gold charts, is a Range Function that allows you to change the drawings that are included in the calculations for the chart. This does not affect the contents of the file, just what is visible to the calculations.

If your history contains much more than about 500 drawings, especially for pick-5 lotteries, you can change it to use only the most recent 500 drawings. This is recommended for most charts - especially pick-5 lotteries.

To change the range, click the Range button
Q or the text that
displays the range. The Set Range screen will pop up. To change the range to use only the last 500 drawings, click the checkbox next to Use FIXED range of and type 500 in the box. Click the OK button. The chart will now be based on only the most recent 500 drawings. The Range message will show Games 122 to 621 . If you press the back button or '-' key now, the range will change to Games 121 to 620 , i.e. it will rollback the starting and ending positions, keeping the 500 game range. You can also use the Set Range screen to specify any starting or ending draw number or date. To keep the setting, hit the checkbox next to Save Starting Draw in file.

Press the $\mathbf{x}$ in the corner or ESC key to close the chart and get back to the Main Menu, or press the chart selection button 곸 to immediately go to the chart selector menu.

## Chart 4 - Drawings Since Hit Chart ${ }^{\text {TM }}$

Select 4. Drawings Since Hit from the chart menu or Press 4 to get the Drawings Since Hit chart, then click the tab for 4a. Abbreviated Chart or press A. This will show the results of the most recent 73 drawings on a single page if you print this. It is most useful in determining recent activity of a number at a glance. Or view $\mathbf{4 b}$ to see the numeric version of this chart.

On the chart, each column down the page is a drawing with the most recent drawing on the right. The numbers at the top are every fifth drawing number. The dashes are drawings in which the number on that row did NOT hit. The x's show when the drawing did hit. If your lottery has a bonus number, the hit in the bonus position will be shown with the letter 'a'. If the number hits as both a normal number and as a bonus number, it will show as a 'd'. This can only happen in Powerball-type games and really should not happen. You should turn off the Powerball in these games by clicking the B- button in the top of the chart, or using ALT-B so that the top right will show Bonus OFF.

Right-Click options: You may prefer to remove the horizontal lines or grid bands from this chart for easier viewing. You can do either of these by right-clicking and choosing the corresponding options. The right-click menu also allows you to change the font sizes and turn on/off the Tooltip hints (blue boxes with white text that explain what you are seeing when

Most Important Point about Chart 4 is that you can see at a glance the recent activity of each number. Using this along with chart 3 helps you find which of the most active numbers to play or not play and when to play the most inactive numbers. Of course, that is not an exact science, but it is usually more fruitful than doing nothing. You can also see connections between numbers, like when 5 plays in one drawing and 6 plays in the next. Often, these connections seem to repeat frequently enough that it is worth playing the next one when the first one hits, unless it just did that the previous time.

## Chart 6 - Skip and Hit Chart ${ }^{\text {TM }}$

Select 6. Skip \& Hit from the chart menu or Press 6 to get the Skip and Hit chart. This chart probably looks very intimidating at first glance. It shows in columns the number of times each number hit when it was that many games out. For example, for Pennsylvania Dead Lottery, it shows that the number 01 is currently out 1 game and has hit 14 times after no skips, 13 times after one skip, 5 times after 2 skips, 7 times after 3 skips, etc.

Hit the tab for 6a. Individual Number Graph or press A to see this information as a graph for a single number. For the number 01, you can see that this number hits much more often after itself or after skipping one drawing.

We would recommend playing this number usually when it has just hit or when it has skipped one drawing, but you do need to check recent activity in chart 4A to be sure this isn't a repeat of the last action. In this specific case, the number is currently one game out and so by itself, this would recommend it to play. Chart 4 shows the preceding hit was 7 games back, and so it really doesn't help, however, in chart 3, we see that this is the second least hitting number at the very bottom of the chart. That would overrule the chart 6 recommendation, and consequently, we would not recommend playing number 01 in the next drawing.

Use the Up/Down arrow keys or the scrollbar to move up and down in the numbers. This chart will often help you pick a couple of correct numbers.

The most important thing about Skip and Hit Chart ${ }^{\text {TM }}$ is what happened in the most recent FIVE drawings, the five bars at the left of the
graph. The chart recommends playing a number when there is a spike at the current games out for a number but also when there is a serious void or much lower than the surrounding bars. For example, 01 shows only 6 hits at 2 games out which would be a recommendation when the number is at that position.

## Chart B - Games Out View of History ${ }^{\mathrm{TM}}$

Select B. Games Out View from the chart menu or Press B to get the Games Out chart. This chart is a way of seeing how many games out each number was when it hit. The intent is to see when too many numbers are repeating, so you can eliminate or ignore all the numbers from the most recent drawing and know when to play the numbers from the last drawing most heavily.

One of our jackpot winners used this to play 5 small wheels, each using one number from the last drawing as a Power Number ${ }^{\text {TM }}$ (a number repeated in each combination), and the other numbers in each wheel contained the other numbers in that drawing, along with additional choices.

Some of the sub-charts for Chart B will reveal important information about your lottery.

Select B4. Games Out tab or Press 4 to get the Games Out Report. If you look at the Cumulative column, it shows for this lottery that numbers with a games out of 0 hit $19.2 \%$ of the time, numbers with a games out of 0 or 1 hit $33.1 \%$, etc. In fact, over half of the winning numbers had a games out in the 0-3 range. This means you should normally try to play approximately half of your numbers for this game, from numbers that are 0 to 3 games out. This varies for each lottery. Most pick-5 games show 5 games out as the mid-point. Powerball and Mega Millions both show 7 games out. This chart now shows a new column, Lotto Numbers at Games Out, so you can easily make your selections.

You can also look for a bias in the games out values. Like most biases, they don't occur frequently, or they wouldn't be called biases but rather norms.

Skips Due Bias Tracker ${ }^{\text {TM }}$ shows each games out and how many times that games out happened in the most recent 5 drawings. What you are looking for is a very high number of hits or a void in the number of hits, i.e. no hits at a specific games out. The Lotto \#s column is not really related to this chart but shown so you can easily get the numbers you want to use or avoid based on the specified games out.

## Last Words

This has been a very light overview of the Advantage Gold. The four charts above are probably the most important and easiest to understand charts in Advantage Gold. They are probably the easiest way to start benefiting from using the program. You can use the old Advantage Plus manual for an overview of the other charts until we have released the Advantage Gold help.

We recommend you go through each of the charts when you have some time and examine them. Make a list of the charts that make most sense to you, and skip the ones that are confusing. Come back to it a week or so later, and it will most likely make more sense. There is a great deal of information available in Advantage Gold, and it can be a great help in getting the winning numbers.

## More Help

We have an extensive FAQ available on the website with many of the commonly asked questions. Please check it first to see if your question is listed there. http://www.smartluck.com/faq/lottery-questions-answered.htm

If you have a very specific question that can be answered quickly, you can email techhelp@smartluck.com to ask the question. Please put "Smart Luck Tech Support question" in the subject line to get past our spam filters.

Tech support number is 727-441-8714 and is available Monday through Friday (except postal holidays) between the hours of 1:00 pm and 5:00 pm eastern time (gmt-5).

