support@rotate123.com

# Using SoloStat 123 and WebReports

# **Getting Started**

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- Setup
  - Teams
  - Matches
  - Games
- Taking Stats
- Philosophy
- WebReports
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# **Understanding SoloStats 123**

- We want you to be able to coach and stat at the same time and still get enough stats to guide your match and training
  - Because of this, we don't require you to take traditional stats such as pass rating, hitting efficiencies and digs. Although, if you want, we provide the capability to capture these stats.
  - Even without the traditional data, there is plenty of information that you will guide your decision making
- If you already take stats, then SoloStats can provide additional insights while providing the stats you are accustomed to
- In addition, SoloStats data can be used with SoloStatsVideo<sup>™</sup> to sync with game videos.
  - Email us if you're interested in beta testing SoloStatsVideo-kyle@rotate123.com.

### **Team Setup**

- Your Team Page
  - Press New
  - Enter your Team Name and Organization
  - Enter your player roster with numbers and names
  - Select your team level and gender
  - Press Save



# Match Setup

- Press the Matches button in the team
- Press the New button at the bottom right
- Enter your opponent's name
- Enter the venue
  - The venue name is helpful if you are at a tournament
  - It will make it easy to collect all the matches from a single tournament
- Press Save



# Game Setup

- Press the G1 button in the match you want to stat
- Select who is serving first you or your opponent
- Select your rotation\*
  - Please see the next section about Rotation Rules
- Select your setter
  - If you have 2, enter both and select the rotations where they have primary setting responsibility
  - If you have more than 2 then just enter one setter
  - This setup is used to estimates setter assists



6

# **Game Setup – Rotation Rules**

- There is some confusion about the term "Rotation 1" as many people think that this is your "first rotation" when you start the game.
- Rotation 1 is actually a specific formation and refers to when your primary setter is at the Right Back position on the court.
- Rotation 2 is when the primary setter is in the middle back position. The numbers move clockwise on the court.
- By coincidence most coaches start in "Rotation 1" with the setter in right back. So the starting Rotation happens to be ONE.

#### **Rotation Numbers**



#### **Taking Stats**

To start taking stats, press the Capture tab at the top of the Game Setup page

If you are serving, you will get a screen to enter your current server. This window will open each time a new server comes up. It will no longer appear after all 6 servers have been entered.

The score should be o-o with the red dot on the team that is serving. The rotation number should be what you entered at Setup. If at anytime the score or rotation needs to be adjusted, just touch that number. A window will open and allow you to make the change.

To capture stats, just touch the 1 - the player and then 2 -the action that ended the rally, then 3 press Enter.





Cont.

the process first.

	In	-Rally
IN-RALLY	•	1 – Pass
1-pass		<ul> <li>A serve receive pass that is recoverable but not settable. The pass will typically go straight up or off the court but not lead directly to an error or point for the opponent.</li> </ul>
	•	2 - Pass
2-pass		• A serve receive pass that is high enough and near the 10 ft that is reached and set by the setter.
	1	3 - Pass
3-pass		<ul> <li>A serve receive pass that is perfect. Passed near the net to the right of center allowing the setter to set all options including the quick middle.</li> </ul>
	•	Dig
dig		<ul> <li>A ball that is brought up under control after the opponent's offensive attack. Digs include bringing up tips but do not include easy "Free Ball" returns from the opponent.</li> </ul>
hit	•	Hit Still In Play
still in play		<ul> <li>A jumping attack by your player that is dug by the opponent and brought up under control. Attacks include hard hits, rolls shots and tips.</li> </ul>
	-	

ace	
kill setter assist	
kill other assist	
tip	
dump	1
block	•
down ball hit	

- Earned
- Ace A serve that results directly in a point. Typically untouched or passed in an unrecoverable fashion.
- **Kill Setter Assist** The hitter made a kill from a set from the primary setter in that rotation (back row setter in a 6-2, front row setter in a 4-2). The setter Assists stats can be found in the Player Stats tab on the Game page.
- Kill Other Assist Use this button when the hitter makes a kill from an over pass or set from someone other than the primary setter
- **Tip** The hitter makes a soft hit of the ball for a point. Typically using finger tips.
- **Dump** A soft hit (as opposed to a spike) or a low set over the net, typically by the setter, near the net that results in a point. Alternatively, you can use the Kill Other Assist button.
- Block When a player blocks a ball for a point. We don't have a shared block button so you'll need to credit the block to one player.
- **Down Ball Hit** An overhand hit made by a player while standing on the floor. A kill is assumed to be from from a jump attack, so we score a down ball hit and kill separately.



#### Errors

- Receive A serve that was not controlled or reached by a receiving player.
- **Tip** A soft spike attempt that was out or in the net.
- Set A poor set leading to an error by hitter or kill by opponent
- **Dump** A dump attempt that was out or in the net.
- **Free Ball Receive** An easy first ball receive error.
- 3rd Ball Return A failed attempt to put the ball over the net on the third touch.

#### Faults

net

ball

handling

under

over

the net

- Net A player illegally touched the net.
- Ball Handling A player made a double contact or lift while attempting to play the ball.
- **Under** A player illegally crossed the center line under the net.
- Over the Net A player made contact with the ball on the opponent's side of the net

#### Faults

foot

fault

out

of

rotation

back

row

attack

- Foot Fault The server touched or crossed the end line while serving.
  - Out of Rotation Players overlapping or the team was not in the correct rotation, typically the incorrect player was serving.
- Back Row Attack A back row player attempted an attack in front of the 10 foot line.

# Why All the Buttons?

- Think of SoloStats as "detailed note taking" on your team's play.
- By having a lot of detailed actions, you will find the information very helpful when you review the stats.
  - You will be able to provide more precise feedback on the player errors.
  - Also, when tied the video indexing, it will allow you or your players to go directly to see a specific type of action.
  - For example by knowing that an error came from a "down ball hit" rather than a "spike", you will know what drills to do since spiking and down ball hits aren't the same skill. I have players who spike better than they hit down balls (odd).
- You can always choose NOT to use the detail and to assign different actions under a single button. For example, you may choose to put all ball handling errors under "dig".

# Philosophy

- You need to establish a "way" or philosophy about how you take your stats
  - For example, instead of giving the opponent an ace, it's better to give your team a receive error
  - The reason is that you need to know how YOUR team is doing vs how well your opponent is doing. SoloStat is really not a scouting tool.
  - Another example is Setting Error. If the setter puts the set into the block and the hitter makes an error, is it a hitting error or a bad set? Again, since you are trying to improve your player's skills, it's good to know that it was a setting error and not a hitting error.

# **Analysis with WebReports**

- WebReports is the easiest way to review data from a number of matches, particularly after a tournament. WebReports is a separate app that resides on the <u>www.rotate123.com</u> website.
- You're trying to understand the details of what your team is doing well and what they are doing poorly and find just a few places where you can gain back 2-3 points. Remember, a few points changes your outcome from a 21-25 loss to a 25-21 win.
- By knowing in detail what is going on, you will be able to make positional adjustments and improve specific skills.
- The more detail you have, the easier it is to "fix" the specific problem. For example, your team is making a lot of downball hitting errors. You can focus a lot of time on improving this one skill and eliminate a few points lost per game.

# **Connecting to WebReports**

- Make sure that your iPad has an internet connection.
  - 1. First go to the Matches Page in SoloStats and press the Back Up button. You will receive a confirmation after a few seconds.
  - 2. Next press WebReports. This will take you to a web page where you can either link SoloStats to an existing Rotate123.com account or open a new one.
  - 3. Once you are registered and logged in, go to the next slide.
- To use WebReports from you computer, once you've completed the above steps:
  - 1. go to <u>www.rotate123.com</u> and click Login (top right).
  - 2. Log in using email and password.
  - 3. Click the SoloStats WebReports tab and access WebReports.

# WebReports - Setup

- Select the Team, then go to the Matches tab
- Select the Matches or individual games that you would like to look at.
  - Typically it's best to aggregate stats from games using the same lineup so that you can understand how your team is performing in each rotation. This will give you positional insights.

TEAM	MS MATC	HES SUMM	ARY ROTATION	PLAYER SKILLS OPPON
	Select All	Game Num	Venue	Opponent
		1	PLQ	Force Elk Grove 15-1
		2	PLQ	Force Elk Grove 15-1
☑		1	PLQ	Absolute15-1
		2	PLQ	Absolute15-1
V		2	PLQ	Empire 16-1
		1	PLQ	Empire 16-1
☑		1	PLQ	Payes 16B
		2	PLQ	Payes 16B
V		2	PLQ	Rage15-1
		1	PLQ	Rage15-1
		1	PLQ	Altmont 16-1
		2	PLQ	Altmont 16-1

#### **The Process**

- Consider the following steps when reviewing your data:
  - 1. Look at Plus/Minus points to rank players by how they contribute to the team's scoring
  - 2. Know your best Servers
  - 3. Rank your best Hitters
  - 4. Analyze your Rotations and fix the weaker ones
  - 5. Synchronize with video (SoloStatsVideo) to "see" the action

#### **1.** Player Overview – Plus/Minus Points

- Click on the Summary Tab and review your player performance. Start at the last column and look for positive numbers.
- Remember that you need to compare players doing similar jobs eg: MB1 to MB2. Defenders will have negative numbers unless they serve a lot of aces.

TEAMS	матсн	ES SI	JMMARY	ROTATIC	ON PL	AYER	SKI OPF	LLS BY PONENT		SKILLS PLAYE	BY R	TREND	R	OTATION PLAYEF	BY R
				Serve		Serve Receive		Attack		Block	Dig		Plus/ N	ſinus	
Player #	Name	Games Played	Points Served/ Game	PtScore %	Error %	Errors/ Game	Kills/ Game	Errors/ Game	Net Points/ Game	Blocks/ Game	Errors/ Game	Earned/ Game	Errors/ Game	Faults/ Game	Total/ Game
15	Beth	16	3.6	51.7%	3.4%	0.1	0.0	0.0	0.0	0.0	0.3	+0.2	-0.5	0.0	-0.3
11	Meg	15	2.5	47.4%	23.7%	0.3	1.9	0.7	1.2	0.4	0.7	+2.7	-2.7	-0.1	-0.1
5	Sara	8	0.0	-	-	0.4	1.4	0.9	0.5	0.0	0.6	+1.4	-2.0	0.0	-0.6
1	Gina	11	0.0	-	-	0.0	1.5	0.5	1.0	0.0	0.5	+1.5	-1.2	-0.1	+0.3
3	Sally	17	3.2	60.0%	5.5%	0.1	0.1	0.0	0.1	0.0	0.5	+0.2	-0.8	0.0	-0.5
2	Bev	17	4.8	61.7%	11.1%	0.3	0.4	0.3	0.1	0.0	0.5	+2.0	-1.9	-0.1	+0.0
13	Sue	5	0.2	0.0%	100.0%	0.0	0.8	0.6	0.2	0.4	0.0	+1.2	-1.0	0.0	+0.2
122/22		<i>r</i>		opyriab	+ @ 201	- Pototo	122110		1	1	1			1	

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#### **1**. Player Overview – Plus/Minus Points

- Look for your top point contributors and think about what they are doing. You
  may be surprised. Scan the columns to see what kind of earned points they are
  getting vs errors are they making.
- It's more difficult to assess defenders from this table because an active defender may have a lot of errors but may be getting to a lot of balls.
- You can go to the Player Tab to understand exactly what skill is leading to points and errors.

TEAMS	MATCHES	SUMMARY	ROTATI	ON	PLAYER	SKI	LLS BY ONENT		SKILLS	BY ER	TREND	ROTATION PLAYEI	I BY 7
						Earn	ed						
Player #	# Name	Games	Played	ace	kill set	ter assist	kill other as	sist	tip	dump	block	down ball hit	Total
15	Beth		16	+3		0		0	0	0	0	0	+3
11	Meg		15	+5		+29		0	0	0	+6	0	+40
5	Sara		8	0		+11		0	0	0	0	0	+11
1	Gina		11	0		+16		+1	0	0	0	0	+17
3	Sally		17	+2		0		+1	0	0	0	+1	+4

#### 2. Know Your Best Servers

- We have an important new stat called "Point Scoring % by Server" – it's on the Summary Page under Serve – PtScore%.
- A 50% PS% means that when the player serves, she serves twice and scores 1 point and sides out on the second serve. The point that is scored may be an ace but it may also be a hitting error by the other team. It doesn't matter.
- You will find that one of your servers, who may not be serving a lot of aces, is serving a lot of balls. If they are serving a lot of balls, they are scoring points for your team. This is your best server.
- Rank them from high to low. It's best to have
   6-9 games of data for this to be meaningful.

 Put your best servers in the early rotations since many times the early servers will have an extra round of serving during a game (less skilled play lasts 9-10 rotations, more skilled could be 13-14).

TEAMS	матсн	es su	MMARY	ROTATIO	N PLA
				Serve	
Player #	Name	Games Played	Points Served/ Game	PtScore %	Error %
15	Beth	16	3.6	51.7%	3.4%
11	Meg	15	2.5	47.4%	23.7%
5	Sara	8	0.0	-	-
1	Gina	11	0.0	-	-
3	Sally	17	3.2	60.0%	5.5%
2	Bev	17	4.8	61.7%	11.1%
13	Sue	5	0.2	0.0%	100.0%

# 3. Rank Your Hitters

- Case Study 2 Day Junior's Tournament
  - Hitting Efficiency vs Net Attack Points per Game
    - Hitting Efficiency = (kills-errors)/attempts
    - NAP/G = (kills-errors)/games
  - HE roughly correlates to NAP/G
  - Ranking is what is critical
  - In either case
    - A hitter doing poorly will be near
    - Zero or Negative

Player	Hitting Efficiency	Ranking	Net Attack Points per Game	Ranking
Mel	.259	1	1.4	1
Zoe	.248	2	1.3	2
Sherry	.227	3	1.1	3
Cathy	.202	4	1.1	3
Amy	.191	5	.8	5
Linda	.039	6	.4	6

# 4. Analyze Rotations - Side Out %

- On the Summary Tab, scroll down to the bottom and look at the receives by rotation.
- Your team's ability to Side Out will determine whether YOU control the game or your opponent does. You would like to be over 50% moving towards 60%. However, this depends on level of play. A poor serving opponent will "give you" a side out by missing serves.
- Scan across the columns to figure out what is helping or hurting your Side Out %.

	Serve Re	eceive		Attack		Block	Dig		Plus/ N	finus	
Rotation	Side Out %	Error %	Kills/ Game	Errors/ Game	Net Points/ Game	Blocks/ Game	Errors/ Game	Earned/ Game	Errors/ Game	Faults/ Game	Total/ Game
Rotation 1 receiving	49.0%	10.9%	0.8	0.7	0.1	0.0	0.3	+0.8	-1.4	-0.1	-0.7
Rotation 2 receiving	72.4%	12.0%	0.6	0.1	0.5	0.1	0.1	+0.6	-0.4	-0.1	+0.1
Rotation 3 receiving	55.8%	6.4%	1.1	0.5	0.6	0.0	0.1	+1.1	-1.1	0.0	+0.0
Rotation 4 receiving	50.0%	8.3%	1.2	0.5	0.6	0.0	0.5	+1.2	-1.5	0.0	-0.4
Rotation 5 receiving	51.6%	16.4%	1.2	0.5	0.7	0.1	0.4	+1.2	-1.4	-0.1	-0.2
Rotation 6 receiving	57.8%	4.8%	0.8	0.6	0.2	0.1	0.1	+0.9	-0.9	-0.1	-0.1
	54.5%	9.8%	0.9	0.5	0.5	0.0	0.3	+1.0	-1.1	0.0	-0.2

### 4. Analyze Rotations – continued

- Let's find out why Rotation 1 is having problems.
- If you scan the columns you see that the Receive Error % is about average, but the Attack Errors are high leading to low Net Points from hitting.
- Now go to the Rotation By Player Tab last tab.
- You can see that Kat is making a lot of hitting errors in this Rotation.

							Ro	tation 1 Rece	iving, I	Errors I	By Player				
Rotation	Games Played	serve	receive	spike	tip	dig	set	down ball hit	dump	block	free ball receive	2nd ball return	3rd ball return	my ball? wtf!!!	Total
Beth	1	0	-1	0	0	0	0	0	0	0	0	0	0	0	-1
Meg	7	0	0	0	-1	0	0	0	0	0	0	0	0	0	-1
Sara	1	0	-1	-1	0	0	0	0	0	0	0	0	0	0	-2
Gina	2	0	0	0	0	-1	0	0	0	0	0	0	0	0	-1
Sally	3	0	0	-1	0	0	-1	0	0	0	0	0	-1	0	-3
Bev	2	0	0	0	0	-1	0	0	0	0	0	0	0	0	-1
Sue	4	0	-2	-2	0	-1	0	0	0	0	0	0	0	0	-5
Kat	6	0	-1	-6	0	-2	0	0	0	0	0	0	0	0	-9
		0	-5	-10	-1	-5	-1	0	0	0	0	0	-1	0	-23

### 4. Analyze Rotations – continued

- By looking at your lineup for Rotation 1, you can gain a better understanding of the issue.
- Kat is in the back row so she is having problems hitting out of the back row and is making errors.
- So you need to work with her to improve her back row hitting rather than her front row hitting skills.
- This diagram was generated with Rotate123.



www.Rotate 123.com

# 5. Synchronize with Video

- SoloStatsVideo will be in beta test shortly and available soon.
- You can link your videos to WebReports data. Then you can sort by players, actions, rotations, and scores to SEE the point scored.
- This will provide much more color around the numbers.
- Easily share with players and other coaches



# **A Few Side Benefits**

- Score Keeping During a match, if you stat carefully, you can stay ahead of the scorekeepers. Tournaments can have pretty inattentive players falling behind or making errors. Go to the Point Log page and you will be able to replay what happened on the last few plays to remind the scorekeepers of the point they missed.
- Match Summary the matches page provides scores for each game of each match. So you can look at this page and easily remember how many sets were played and what the scores were. The matches are also date stamped.
- Player Participation in WebReports, you will see a Games Played column on the Summary page. While this is not completely accurate, since a player may not have caused a point, it will only "undercount" participation. If you have a parent who claims that their child hardly played, you can reference this table to show their level of participation. You can also tell the parent exactly how their child contributed to or detracted from the game.

# **Some General Suggestions**

- As you analyze each rotation and its issues, consider the following:
  - Make sure players are in a good position on the court when they receive to eliminate communication problems and to have a clear sight of the server
  - Use formations that put your setter as close to the setting spot as possible.
  - Most teams don't consistently put up good passes so they can't run the middle set very much. So the quick middle attack may not be a very good option as a side out factor. If your middles are good outside hitters, consider having them hit from the outside to increase the options for your setter so you're not relying on just the left side to make the kill.
  - Stack your rotations so you have your best hitter(s) in the first 3 rotations along with your best servers. Use Rotate123 to help you figure it out.
  - Send us email and we will be happy to help you sort through the data. Email kyle@rotate123.com

# MaxPreps Export

- In WebReports go to the Matches Tab
- Click the Export button next to the match you want
- You will get a download file message
- Save this file where you can find it
- It will have the opponent's name

0-1	- 01 - 1 -		<b>-</b> -						
500	oStats	<b>WEDH</b>	eports						
SI	ETTINGS	TEA	MS	MATCHES	ANALYZ	Έ	PI	LAYER RANKIN	G
Show	or hide mat	nhee and came	e in the SE						
GHOW	or nice man	unes and game							
2	Select All	Game Num	Venue	Opponent				MaxPreps*BETA	
	2		PL 1	City Beach 16-2	Feb 26, 2012	16:04	25 - 20	Export	
	2	2	PL 1	City Beach 16-2	Feb 26, 2012	16:31	20 - 25		
	2	3	PL 1	City Beach 16-2	Feb 26, 2012	16:46	10 - 15		
		1	Acc	San Gabriel elite	Mar 18, 2012	14:52	22 - 25	Export	
	2	2	Acc	San Gabriel elite	Mar 18, 2012	15:19	21 - 25		
	2	1	Yuba City	Rage 15-1	Mar 24, 2012	08:54	24 - 23	Export	
	U	2	Yuba City	Rage 15-1	Mar 24, 2012	09:22	21 - 25		
	2	3	Yuba City	Rage 15-1	Mar 24, 2012	09:41	15 - 13		



IDETA This is available for users who have a MaxPreps account. Please help us with this export to make sure that it is working for you. If you have any issues, please email <u>kyle@rotate123.com</u>.

# MaxPreps Export – cont.

- Log into your MaxPreps account
- Go to the Stats menu and select Enter/Edit Stats
- On the Game Page pick Enter Stats for the match you want to update

MAXPREPS	Woodsid Girls Var	le (CA) rsity Volleyball Fall 12-13	· Coach Administratio	n	
HOME Roster	Schedule	Stats Post to Wall	Team Calendar	Utilities Links	,
		Enter/Edit Stats			
Coach Tools	A Me	Print Stats	n Support		
Post to Team Wall	Free	Send Stats	ports camps!		
Team Calendar	MaxPr	Stat Terminology	service. Simp	ly enter your camp and	d
MaxMessenger	MaxPr	Stat Terminology	program's rev	enue and exposure. Vi	isit
	can ea	Coach Handout: Stat S	heet relevant date	es, locations, age group	ps
Game Wanted	more.	How to Keep Stats	onds Post y	our camp now!	
Game Programs	kir	Stat Import Help	the most pop	ular college and profess	sio
Camp Listings	1 ps	, or a place intere parente	individual can	nps for their young athl	let
Carabina Jaha	,t w	/ww.MaxPreps.com/cam	ps today to search ou	r expansive camp datal	ba
Coaching Jobs	Note	Please allow 1 hour for y	your stats to undate	to maxpreps.com on	nce

Totals	Date A	Time	Opponent	Location	Game Details	Score	Enter / Edit Stats
			opponent	Eocution	Guine Decails	Jeon C	
4	2/4/2012	8:45 AM	Capuchino (San Bruno, CA)	Neutral		2 - 0 (W)	Edit Stats Export
	5/2/2012	7:00 PM	Empire (Tucson, AZ)	Neutral		1 - 2 (L)	Enter Stats
	7/25/2012	12:30 PM	El Camino (South San Francisco, CA)	Home	Home Game	3 - 0 (W)	Enter Stats
	9/11/2012	5:15 PM	Burlingame (CA)	Away			
	9/18/2012	4:00 PM	Half Moon Bay (CA)	Away			
	10/11/2012	4.00.014	Half Maga Day (CA)			2	

# MaxPreps Export – cont.

- Enter the scores for the match
- At the bottom, click Save & Import Stats
- On the next page, click the Browse button and locate the Export file
- Once you locate the file and press Import, the match stats will be enter automatically

Game Stats Select Contest Enter Score You Are Here ore for contest on: 7/25/2012 @ 12:30 PM oring Breakdown: Woodside Wins G1 G2 G3 3 25 25 25 n: El Camino corina Bı Wins G1 G2 G3 0 10 10 10 COACH: Entering the box score data will make the post on your team wall look much bette Maximum 1000 characters Save & Enter Stats Save & Exit Save & Import State Import Steps: Create a MaxPreps export from your stat program. > need help? 2. Select the MaxPreps export: Browse. Import or > Cancel Import and Enter Stats Manually



- More information <u>www.rotate123.com</u>
- Contact kyle@rotate123.com