

TOURNAMENT SOFTWARE

The software program **Tournament** has been developed over the years and is in practical and successful use by several national sport leagues. If necessary, it can be customized and adopted to the individual needs of a league, it is affordable and brings your preparation of a sport plan to a new dimension.

Virtual Optima Ltd. also offers to build the season schedules based on all the requirements for the leagues: you send us the conditions, we send you the plan!

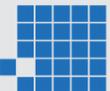
■ The **Tournament** software is a unique and state-of-the-art program for the season sport plan (scheduling) for all kind of regional, national and international sport leagues that use the round-robin play mode, where each team must play against each other.

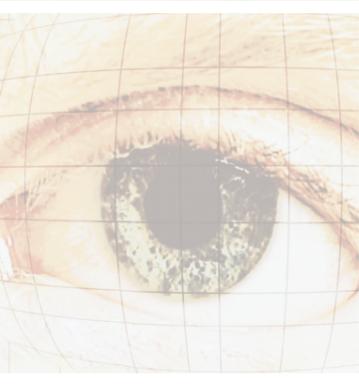
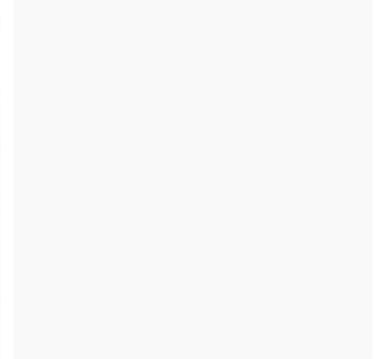
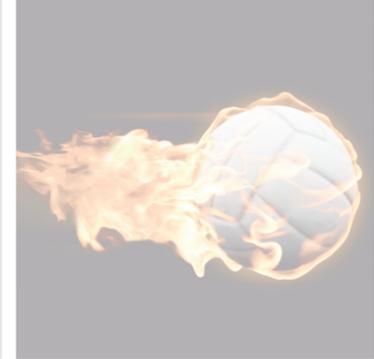
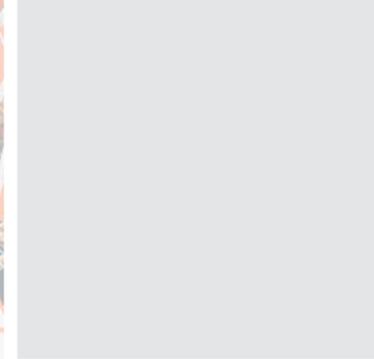
■ It is very easy to use and it is capable to fulfill all kinds of requirements and complicated conditions and optimizes your season schedule for the benefit of the league, the teams, stadium operator, the security operator, and other stakeholders.

■ Using **Tournament**, you can create a season plan in minutes, build several plan variants in a short time, switch between them immediately and choose the best one. Gone is the time where you invested days or even weeks to create painfully a season plan manually!



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The program **Tournament** consists of eight different input window pages for collecting and editing the data for a season plan or a variant of a plan. These pages are: **Teams, Distances, Weekdays, Events, Calendar, General Settings, Results** and **LOG**.

Nr	LV	Name	home	Spectators	Strength	Groups
1	FCB	Basel	0	1	1	1
2	GC	Grasshopper	0	1	1	1
3	LS	Lausanne	0	1	1	1
4	FCL	Lucerne	0	1	1	1
5	SERV	Servette	0	1	1	1
6	SION	Sion	0	1	1	1
7	STG	St Gall	0	1	1	1
8	THUN	Thun	0	1	1	1
9	YB	Young-Boys	0	1	1	1
10	FCZ	Zürich	0	1	1	1

TEAMS

The data for the teams are entered in this page. Team name and a short-name is enough.

It is possible to build groups of teams to play additional round-robins within these groups, and spectators and team strength can be entered to allow for additional conditions.

Nr	ID	Name	Home	Spectators	Strength	Groups
1	FCB	Basel	0	1	1	1
2	GC	Grasshopper	0	1	1	1
3	LS	Lausanne	0	1	1	1
4	FCL	Lucerne	0	1	1	1
5	SERV	Servette	0	1	1	1
6	SION	Sion	0	1	1	1
7	STG	St Gall	0	1	1	1
8	THUN	Thun	0	1	1	1
9	YB	Young-Boys	0	1	1	1
10	FCZ	Zürich	0	1	1	1

DISTANCES

It is possible to minimize certain travelling distances for the teams (or the fans) in certain consecutive rounds. For this, one needs to enter the distances between the home stadiums.

Team 1	Team 2	Distance
FCB	GC	LS
FCB	FCL	SERV
FCB	SION	STG
FCB	THUN	YB
FCB	FCZ	

WEEKDAY

It is possible to set kick-off time and maximal number of games on certain days – by breaking certain rounds over several days.

Day	Name	Max.Games	Time
Mo	Montag	6	19:45
Di	Dienstag	6	19:45
Mi	Mittwoch	6	19:45
Do	Donnerstag	6	19:45
Fr	Freitag	6	19:45
Sa	Samstag	6	19:45
So	Sonntag	6	15:45

EVENTS

On the Events page, the user can enter – and we are especially proud of this part of the program – all kinds of complicated constraints in a very easy way such as:

- Defining complementarities (two teams with reversed play pattern or sharing same ground for the whole season or during certain rounds)
- Fixing or excluding games in one or several rounds
- Inserting of no-break rounds (for instance, if each round-robin is to start with one Home and one Away game for all teams)
- Setting of Home- and/ or Away-breaks during certain rounds

- Spreading certain games over certain rounds (for instance spread top-games over the whole schedule).
- Spread important matches over the entire schedule, and others.

Nr	Club	Demand	Slots	Comment
1	FCB	all		do not play at home at the same time
2	GC/FCZ	almost all		if possible, do not play at home at the same time
3	GC	1-5		GC against FCZ not in the first 5 rounds
4	FCZ	4-5		avoid high risk game in 4-5 round (FCZ v. FCB,GC,STG)
5	Inus	2		second round is a no-break round
6	UEFA	2-3-4		no match FCB v YB, SERV in rounds 2-4
7	UEFA	11		no match FCL-FCB in round 11
8	UEFA	13		no risk match for FCB(FCZ,STG,YB,GC)
9	Letzi	7		Only one game at Letzi Stadium (Zürich)
10	Letzi	18		not FCB, because has match at Sunday

CALENDAR

The calendar page contains the data for the time horizon of the schedule. It includes a column per team allowing to set Home and Away games for each team and round. Furthermore, it is possible to insert fixed games, excluding certain games in one or several rounds. The calendar can be shown compactly and has several additional options to add round relevant data in a straightforward way.

Compact	Date	Slots	Cond	Fix	Plan	FCB	GC	LS	FCL	YB
Jul	Mo 2									
2012	Di 3									
	Mi 4									
	Do 5									
	Fr 6									
	Sa 7									
	So 8									
	Mo 9									
	Di 10									
	Mi 11									
	Do 12									
	Fr 13									
	Sa 14	1		FCL:YB						
	So 15									
	Mo 16									
	Di 17									
	Mi 18									
	Do 19									
	Fr 20									

GENERAL SETTINGS

There are numerous options for the play mode that can be set, such as the number of round robins, different option for sequence of round-robin (mirror, inverse, English, French, arbitrary or manual), and various conditions to control the number of breaks in a schedule.

Plan-Begin	Plan-End	Number of Round Robins	Number of Teams	Number of Rounds	Number of Matches
01.07.12	31.12.12	2	10	18	90

RESULTS

After computing a schedule via the Internet on a Virtual Optima server (or with local solver), the program creates automatically the match plan with individual Logo in a PDF-file, MS-Word and MS-Excel file. In addition, it produces a text file including all kind of information to analyze the schedule, such as breaks per team, different season schedule matrixes, home matches per day and team and all games listed per round robin, etc.

Team	Total Breaks
FCB = Basel	19 + 19 = 38
GC = Grasshopper	H-H, A-A, Total Breaks: 2 + 2 = 4
LS = Lausanne	H-H, A-A, Total Breaks: 2 + 1 = 3
FCL = Lucerne	H-H, A-A, Total Breaks: 1 + 2 = 3
SERV = Servette	H-H, A-A, Total Breaks: 2 + 2 = 4
SION = Sion	H-H, A-A, Total Breaks: 2 + 2 = 4
STG = St Gall	H-H, A-A, Total Breaks: 2 + 2 = 4
THUN = Thun	H-H, A-A, Total Breaks: 2 + 2 = 4
YB = Young-Boys	H-H, A-A, Total Breaks: 2 + 2 = 4
FCZ = Zürich	H-H, A-A, Total Breaks: 2 + 2 = 4

