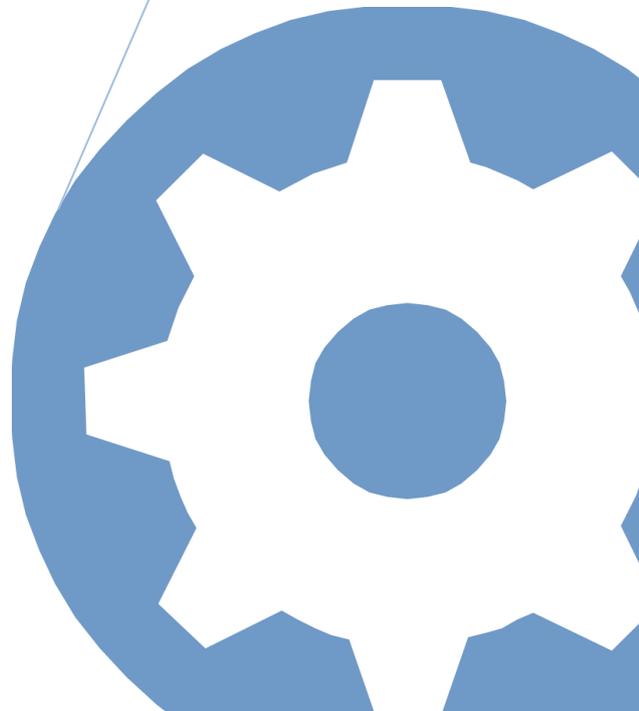


**federatio**  
INTEGRAL SPORTS MANAGEMENT



## PRESENTATION

DCL Informática is a technology company dedicated to designing and developing custom management software. It has a solid group of programmers with a complete academic training and extensive experience in the sports world. Located in the Gijón Technology Park, has a large network of synergies with other leading companies in different technologies, allowing us to develop large projects.

Federatio is an *On-Line Management Software for Sports Federations*. Created in 2003 from scratch for various sports federations, Federatio has evolved throughout these years from the demands of a large network of customers that have been presenting particular situations to which Federatio has provided specific solutions. In order to achieve this, we have taken into account all the varying particularities ranging from different sizes, sports, languages or circumstances.

From the beginning, Federatio was conceived as an online tool that allows both the general management as well as the provision of information by the different levels of the organization in a delocalized way. Moreover, the fact of having a single database for all the system avoids the duplication of processes while getting the information updated on the website in real time. The application requires no installation and the upgrade is performed remotely, which also minimizes the time for maintenance.

## OBJECTIVES

By creating Federatio, DCL Informática established several goals that have been successfully achieved over the time:

- To develop a management software to fill in the gaps that have the applications currently working with sports federations, by assembling in a single tool all those features that previously had been running by multiple programs or documents.
- To avoid the duplication of operations, by automating the flow of information between levels and delegating to the federation itself the general configuration of the season and the monitoring of the information provided by the different ranks (mainly clubs and referees).
- To allow a federation, regardless of the size, to get access to a high level professional tool without a large initial outlay. The simple reduction of administrative tasks should result in savings above the cost of the application.
- And above all the others, the main objective is and will be to keep the application updated, constantly evolving and with a daily support of our customers' needs, besides developing new features without entailing an additional cost.



In short, those federations working with Federatio will enjoy the benefits of having a complete and robust application from the very first day, supported by a team of developers at their service.

## **CUSTOMIZATION**

Federatio has a total capacity of adaptation. It is part of DCL Informática's work to shape the tool so it can meet each client's expectations, trying to avoid the federation to stick to the program's features. Broadly speaking, the adaptation of the system goes through the layout of the Web page, the language of the users of the application or decide what functionalities to use in each case.

But more specifically, Federatio fits the characteristics of the federation in areas such as the formula for calculating the displacement of the referees or the way these are paid; the different kind of competitions, encompassing flexible leagues, Olympic schedules or classifications with previous points; the management of travels to matches by optimizing the occupation of the buses; issuing licenses with the individual design of each federation and so on.

## **FEDERATIONS' NETWORK**

During all these years, thanks to the closely work carried out by DCL Informática with a large number of sports federations, the outcome is what today is Federatio. The model works for two main reasons. On the one hand, it is based on a technology company with a very vertical specialization within sports management, allowing us to have a deep knowledge on how a federation works. On the other hand, the network consists of a large number of team sports federations that bring ideas in order to constantly improve the application. Around 80% of the proposals are useful for all the federations and only the 20% left is due to particular requests. In other words, because of the similarities among the members of the network, most of the time, DCL Informática is working simultaneously for the benefit of all of its members and is just dedicated exclusively to adapt Federatio for a particular client from time to time.

## THE SET UP

Each new federation who joins the Federatio's Network has from the outset all the improvements carried out on the application so far and, of course, all the future advances developed at his own request or by suggestion of any other federation.

Regarding the implementation, it is advisable to start using Federatio as the only system at the beginning of a season, having done the appropriate tests during the course of the previous one, although in some cases, the transition has been made along the season.

Whatever the decision is, the starting point is the importation of data to Federatio from the different applications that have been working at the federation so far.

In any case, we must bear in mind that Federatio is the one who should suit the way of working of the federation, so that it is possible to make a gradual implementation of the functionalities of the application.

## TECHNOLOGY

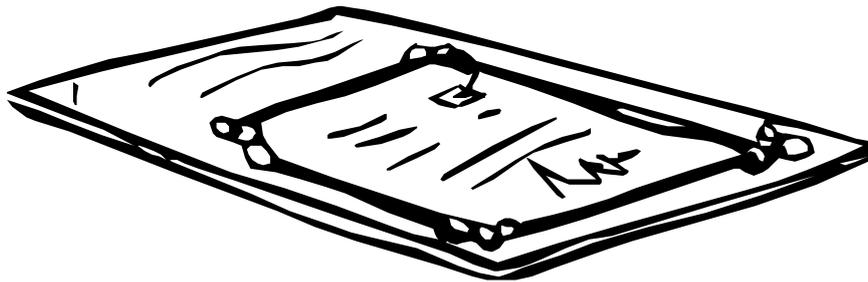
Federatio is fully developed under Microsoft technology. As a database manager, the latest versions of SQL Server have been chosen to ensure the security of the information. The servers that run the system are destined exclusively to Federatio and are hosted in some of the best Data Centers of Spain. These servers run under Windows operating systems for server and are managed solely by the staff of DCL Informática. With regards to the programming languages used, we mainly program in ASP and ASP.Net with Add-ons javascript forms. For the mobile Web, several different market languages are used such as WML, XHTML Basic, XHTML Mobile Profile, I-Mode.



## INFORMATION SECURITY

One of the most sensitive issues that an organization faces before starting to use a delocalized system is what happens to the information. In spite of the fact that using local systems might seem safer where it is physically contained within the organization and inaccessible from the outside, with Web 2.0 technology it is essential exposing that information to the general public. But in order to reassure Federatio's users, DCL Informática has established the following information security measures:

- DCL Informática complies with all current regulations of the Organic Law on Data Protection (LOPD)
- The database of each federation is totally independent from the rest of the other federations.
- The servers, where the application as well as the databases are hosted, belong to DCL Informática.
- These servers are high-end equipment and are housed in two of the best Data Centers of Spain.

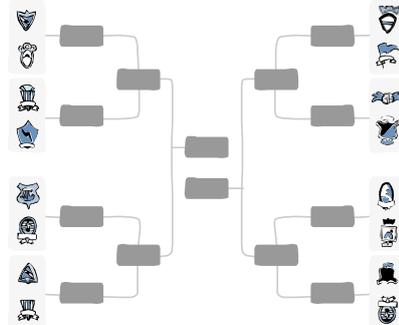


## SECTIONS OF THE SYSTEM

Around the database different elements interact, although interrelated, they can be defined as independent aspects in their operation.

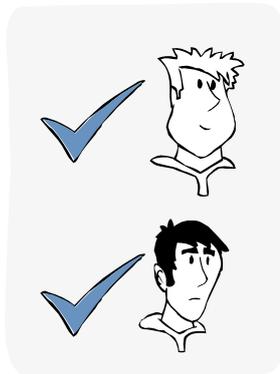
### ➤ PUBLIC AREA

The public domain is free to all Internet users. It is a query-only area, except for specific matters such as sending messages to the federation, preregistration, and so on. To speed up the information it publishes, the data are obtained automatically from the general database. For those sections in which extra information is needed (circulars, news, videos, image galleries, etc.), there is a content manager within the General Intranet. The system is, of course, fully compatible with the most popular social networks and adapted to the RSS news system.



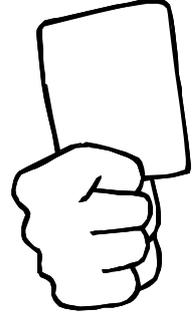
### ➤ GENERAL MANAGEMENT INTRANET

For the overall management of the federation, there is an Intranet with access to all the sections displayed by the tool. From there, it is also possible to sign up new users as well as to define what permissions have any particular user (some federations choose to make available to each user only those sections that are within its domain). Some other aspects at one's disposal within this division are, for instance, the possibility to change the passwords of users for specific Intranets (clubs, referees or national team coaches) or block their access if it detects a misuse of their functionalities.



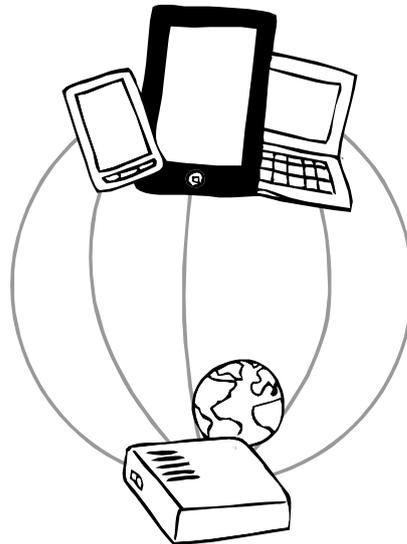
➤ **SPECIFIC INTRANET BY LEVELS**

For those who make a daily use of the federation such as referees, clubs, national team coaches or members of the Competition Committee, specific functionalities have been defined to facilitate the flow of information with the federation. Moreover, this feature ensures that data is entered directly into the system, and reduces the federation's work to just supervise such information.



➤ **APPLICATIONS OF STATISTICS AND GENERATION OF DIGITAL RECORDS**

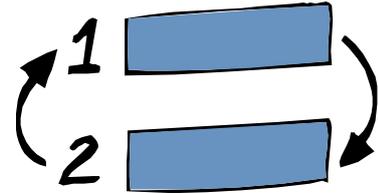
As a complement to the management software, two other applications have been developed to track the games. One focuses on the development of digital records, so it only gathers information about goals, discipline sanctions, timeouts and, in general, events likely to appear in the record. And the other, more complete, is ready to collect data regarding any sport action. In both cases, these tools provide extra information to the federation's website.



## DEFINITION OF FUNCTIONALITIES

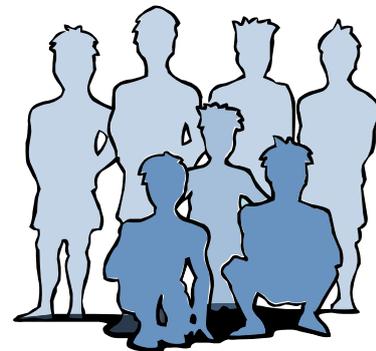
### ➤ PUBLIC AREA

- **Check the competitions**
  - Classification
  - Last match day results
  - Next match day description
  - Search by dates, results, games, etc
- **Live matches**
  - Summary of the ongoing games
  - Real time results
  - Real time match actions
  - Live statistics
- **Statistics**
  - Match overview
  - Players' aggregates
  - Teams' aggregates
- **News**
- **Circulars**
- **Dynamic Sections**, created by the federation
- **Image galleries**
- **Referees**
- **Polls**
- **Sponsors management**
- **Links**
- **Videos**
- **Social Networks**
- **Others**



➤ **GENERAL MANAGEMENT INTRANET**

- **Different actors**
  - Clubs
  - Players
  - Coaches
  - Referees
  - National team coaches and national team players
- **Referees**
  - Appointments simulator
  - Match budgets and reports
  - Knowledge tests
  - Statistics from referees' reports
  - Discussion forum
- **Clubs and teams**
  - Management of on-line processing
  - Transfers management
  - Sport insurance
  - Licence printing
  - Low level players tracking
- **Competition management**
- **Competition Committee**
  - Alerts for matches with incidents
  - Study and impose disciplinary sanctions
  - Generation of records
- **National teams**
  - Appointments by national team coaches
  - Players reports
  - Monitoring and evolution of players
- **Warehouse**
- **Shop**
- **Public Website management**



➤ **SPECIFIC INTRANETS**

• **Clubs**

- Licences processing
- Players, teams and clubs information updating
- Players tracking
- Matches schedules
- Others

• **Referees**

- Appointments
- Availability
- Documentation
- Match reports
- Game rules examinations
- Periodical reports
- Budgets
- Expenses report
- Statements
- Upload the match reports to the database



• **Competition Committee**

- Incidents summary
- Reports study
- Imposition of sanctions
- Preparation of reports



• **National Team Coaches**

- Players' search
- Preparation of reports of the players

## COMMITMENT

When a sports federation becomes a member of the federatio's network, it ensures that **all those new functionalities, proposed by it and proved to be useful for all federations, will be developed** within a reasonable period of time, since they will represent an additional value to the network.

In addition, DCL Informática will host on its servers, mainly for **security and data protection** reasons, the website of the federation, resulting in significant savings.

If necessary, DCL Informática would take over the **redesign of the website of the federation** or the complete development of it (if there is no previous web page) **with no extra costs**.

Finally, if the time to renovate the contract arrives and there was no intention to keep enjoying the service, the design of the public area of the website as well as the database would be at the federation's disposal.

## CURRENT CUSTOMERS

- Voleibol Federation of Asturias([www.fvbpa.com](http://www.fvbpa.com))
- Basketball Federation of Asturias ([www.fbpa.es](http://www.fbpa.es))
- Handball Federation of Asturias ([www.fbmpa.es](http://www.fbmpa.es))
- Voleibol Federation of La Rioja ([www.frivoley.com](http://www.frivoley.com))
- Voleibol Federation of Baleares ([www.fbalvoleibol.com](http://www.fbalvoleibol.com))
- Voleibol Federation of Murcia ([www.fvbrmurcia.com](http://www.fvbrmurcia.com))
- Handball Federation of Madrid ([www.fmbalonmano.com](http://www.fmbalonmano.com))
- Handball Federation of Castilla y León ([www.fcylbm.com](http://www.fcylbm.com))
- Handball Federation of Andalucía ([www.fandaluzabm.org](http://www.fandaluzabm.org))
- Federación Valenciana de Balonmano ([www.fbmcv.com](http://www.fbmcv.com))
- Handball Federation of La Rioja ([www.ftrbm.org](http://www.ftrbm.org))
- Handball Federation of Extremadura ([www.e-balonmano.com](http://www.e-balonmano.com))
- Handball Federation of Baleares ([www.fbhb.cat](http://www.fbhb.cat))
- Handball Federation of Galicia ([www.fgvb.es](http://www.fgvb.es))
- Handball Federation of Spain ([www.rfebm.net](http://www.rfebm.net))
- Handball Federation of Aragón ([www.farbm.com](http://www.farbm.com))
- Spanish Sports Board of Governors (CSD)