

iPJC Installation Manual

iPJC[®] Installation and Setup

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1. Introduction

This document provides your firm's IT department with information about the technical installation of iPJC.

The installation of this software does require knowledge of MySQL, configuration of Apache web-server and platform depended network administration (Windows, Linux or UNIX).

Consulting

Underhill Geomatics Ltd. can provide (on-site or off-site) consulting and training services as well as phone support on a contract or time basis

For more information on consultation please see chapter "Support" or contact a consultant: info@underhill.ca

2. Preparation

2.1 Windows Platforms

If your server is a windows based platform then make sure the combination of PHP5, MySQL5 and Apache 2+ is installed. If you have not installed this already we suggest EasyPHP. This is free of charge and is downloadable from <http://www.easyphp.org/>

Follow the instructions and install the servers. Once installed launch the server and make sure MySQL and Apache are running (indicated by green lights).

Setup PHP settings

Edit the php.ini file and set the following settings:

```
short_open_tag = on
error_reporting: E_ERROR
register_globals = on
session.auto_start = on
```

The server is now ready for use.

2.2 Linux and UNIX platforms

Please use the help sites for the particular distribution to install MySQL5, APACHE2 and PHP5.

These are usually ported with the distribution.

Setup PHP settings

Edit the php.ini file and set the following settings:

```
short_open_tag = on
error_reporting: E_ERROR
register_globals = on
session.auto_start = on
```

3. Installation

3.1 Extract the archived application

Open the downloaded file and extract all files. Upload the content of the directory to your web-server root (e.g /apache/www).

3.2 Installing the application and database

Open Mozilla and browse to <http://localhost/install/index.php> (where localhost is the address of the web-server). The following screen will appear. (See next page)

iPJC Installation Wizard

Welcome to the iPJC Installation Wizard.

Step 1

Please check the following requirements are met before continuing...
For more information please refer to the installation manual located in the /install folder

PHP Version > 5.0.0	Yes	PHP Session Support	Enabled	PHP Safe Mode	Disabled
Registered Globals	Enabled	Short Open Tag	Enabled	Error Reporting	Enabled

Step 2

Please check the following files/folders are writeable before continuing...

inc/ **Writeable**

Step 3

Please check your path settings...

Absolute URL:

Please enter your MySQL database server details below...

Host Name:	localhost	Username:	root
Database Port:	3306	Password:	
Database Name:	ipjc		

☒ Install Tables
(Please note: THIS MAY REMOVE EXISTING
iPJC DATABASE)

Step 4

Please enter the Administrator account details below... (This account is to login to iPJC)

Username:	admin
Password:	
Re-Password:	

Step 5

End User License Agreement

I have read and accept the [End User License Agreement](#) ☐

STEP 1:

Before installing the application, make sure that the requirements are met in order to run the application. If some of the requirements are disabled, you can usually set up these settings in **php.ini**. If your hosting provider does not allow access to this file you can also make use of **.htaccess** files to enable settings.

STEP 2:

Make sure that the **/inc/** folder has write permissions. iPJC will create a configuration file called **config.inc** in that folder with the database settings. Set the permissions to read only when the installation is finished.

STEP 3:

Enter the proper database values and make sure **install tables** is checked (be advised that any previous installed iPJC databases with the same name will be dropped). Enter a desired database name. Please don't use special characters.

STEP 4:

This is the administrator account to log in to the application. Here you can set up the first account. Later you can create more administrators/users.

STEP 5:

Make sure to read the End User License Agreement and confirm before installation.

Install the application by clicking on **Install iPJC**. The system will immediately install and send you to the log in for the application. (Installation is usually a fraction of a second).

3.3 Client Setup and First Login

3.3.1 Client Setup

Install the latest version of Mozilla Firefox.

Point to the following location: <http://IPADDRESS-SERVER/>

Where "IPADDRESS-SERVER" is the IP address of the server where iPJC is installed on.

Use the administrator account to create new user accounts and permissions (see paragraph 5.2 "system users")

3.3.2 Login to iPJC

Provide the username and password you entered during the installation of iPJC. The username is **admin**.



Username:

Password:

Login

4. Setting up iPJC

4.1 System Settings

Before using iPJC it is important to setup the program. Click on **iPJC Settings** in the left menu under **Control Panel**.

Job and plan numbers are generated by the system. Use the **prefixes** section to setup the prefix for job and plan numbers.

iPJC can cross reference data based on a variable set of numbers. Set up the numbers you like for each part. The database comes with a default set of numbers. Do not leave those fields empty.

Set up the company. This will display the proper headings in the menu of iPJC. Upload your company logo if you like. The company has to be added as a contact first. Then you can select it from the drop down box.

4.2 System Users

To create a user in the system you must first add a person (that will become a user) in the database. Important is that the role type of that person is set to **employee**.

- Open **Add a Contact** in the left menu
- Tick **individual person** as a contact type.
- Fill in person information and set role type to **employee**.
- Open **users** in Control Panel in the left menu and click **Add User** in the top menu.
- Now you can select the person that you just added and assign a username / password. Also select the user type (admin or user) and grant access to several available menus.
- Click **add** to save the user and the user is added.

4.3 Transmittal Template

The transmittal is a .ODT (OpenOffice) based template what you can modify for your own company. The template must be edited before use and can be found in: /jobs/reports/document_templates/ folder.

In the template you can change the lay-out and the header. **Do not change any of the words between brackets**. These are crucial and are needed to generate the transmittal.

If you change the file name, remember to change the setting in iPJC as well.

3.4 Adding default values to the database.

Before you add any data to the database system its recommended to setup the default values in the database such as; job types, survey types, industry types, rate types etc. Click on **Lookup Values** under control panel. Here you can add/remove values in all sections.

4.4 Clients

Install the latest version of Mozilla Firefox.

Point to the following location: <http://IPADDRESS-SERVER/>

Where "IPADDRESS-SERVER" is the IP address of the server what is running iPJC.

Use the administrator account to create new user accounts and permissions.

5. Support

Please be advised that Underhill Geomatics Ltd. provides support on commercial basis.

5.1 Installation Services

Local or remote based installations. We will install and setup iPJC for you properly. Remote installations require remote control to your server.

Price:

- **CAD \$250** for simple installations (iPJC on configured web-server)
- **CAD \$500** for advanced installation (PHP, MySQL and iPJC)

5.2 User Training

On-site user training. We will demonstrate the program and train up to 5 people within your company. Our goal is to get about 5 users familiar with the use of the program. The users will be able to teach the rest of the people in the company.

Training sessions will take up to half a day, and will be given by one person.

Price: CAD \$750 + expenses.

5.3 Data Migration

Do you already have a records of jobs, plans or contacts stored in any kind of database system? We offer services for importing/exporting data from your current data sources into or from iPJC. We can migrate jobs, plans and contacts from the following database formats:

- MS SQL
- Microsoft Access
- MySQL
- PostgreSQL
- HTML
- Excel Files
- CSV Files

We can virtually migrate any data type you have. From complete databases to simple outlook files.

Price: Quoted Hourly

5.4 Customizations

Often land surveyors deal with different systems and different data types all over the globe. We offer any type of customizations for iPJC to make this software the perfect fit for your company.

Examples:

- Designing or creating reports / templates
- Adding or Renaming fields (such as townships, district lots but also addresses in contacts or jobs)
- Expanding the software based on your requirements
- Building a link between 2 different database systems (MySQL based such as accounting software)

Reports:

Currently iPJC only supports HTML based reports. These reports are designed to print labels and work order sheets. Every company has their own idea about reports. We can fully customize your reports against your requirements.

For more information see:

ipjc.underhill.ca

gjansen@underhill.ca

Or call:

604-732-3384

6. Uninstall

To uninstall iPJC simply remove the content from your web root folder. Then remove the database from MySQL. Please refer to the MySQL manual on how to drop a database.