PREMIER TECH

Premier Tech Digital
Applicable Training Catalogues

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1.0 Executive Summary

1.1 Premier Tech Digital

Strengthen your business with an innovative manufacturing solution. Gain real-time insights into your production and optimize it with our manufacturing intelligence services.

We specialize in helping companies enhance the efficiency of their manufacturing facilities. By bringing digital solutions to the forefront, we empower our customers to capitalize on opportunities and overcome challenges, ultimately improving the performance of their plants and assets. With our extensive expertise, we carefully evaluate our customers' needs to design solutions that align with their requirements and expectations. To ensure the long-term success of our projects, we provide comprehensive training to our customers, enabling them to confidently take ownership of the system once it is implemented.

We are not just integrators; we are partners in manufacturing intelligence projects.

Our focus is on creating tailored manufacturing intelligence solutions. With nearly 22 years of experience in implementing Manufacturing Execution Systems (MES), our team of over 50 experts integrates and develops customized solutions that optimize plant monitoring and management through real-time data utilization.

https://www.ptdigital.com/en

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1.2   Training Catalogue

This document provides an overview of the training courses available from Premier Tech Digital France. Each course is presented with the following information:

- Training title

- Objective

- Target audience

- Prerequisites

- Duration

- Conditions and deadline

- Price

- Training content

- Program

- Training resources

- Technical resources

Additionally, an appendix is included that outlines the common elements found in all training courses, including:

- Methods used

- Assessment methods

- Pedagogical resources

- Technical resources

- Accessibility to training courses

This comprehensive document serves as a reference for individuals seeking information about the various training options offered by Premier Tech Digital France.

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1.3   Contacts

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1.4 Accessibility

Our training courses are designed to be inclusive and accessible to individuals with reduced mobility and disabilities. We have ensured that our premises meet current accessibility standards.

Understanding that each disability situation is unique, we kindly request that individuals inform us of their disability status upon registration for one of our training courses. This allows us to work together to determine the best way to accommodate the person and organize their participation in the most suitable conditions, in consultation with the individual and their employer. By proactively communicating this information, we can ensure a smooth and comfortable learning experience for everyone involved.

For further information, please contact the PTD Disability Advisor.

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2.0 Training Catalogue

2.1 Proficy HMI/SCADA iFIX : The Fundamentals

Objectives:

This course aims to provide participants with a comprehensive understanding of the principles of Proficy HMI/SCADA - iFIX. Through a series of practical exercises, trainees will have the opportunity to apply and implement the key functionalities of the Proficy HMI/SCADA - iFIX system (Version V6.1 to V6.5).

Target Audience:

This training course is specifically designed for automation and industrial IT specialists who are looking to maintain and upgrade iFIX applications.

Prerequisites:

Prior training or a minimum of one year's experience in automation or industrial IT is required to attend this course.

Duration:

The course spans three days, totalling 21 hours of instruction.

Conditions and Access Time:

The training is conducted in a face-to-face format and grants participants a two-month access period (for a minimum of three individuals).

Price:

The cost of the training is €1,850 (excluding taxes) per person for a session with three to six participants. This price includes training conducted at our premises, the training manual provided in PDF format, a certificate of completion, and lunches during the training sessions held at our premises.

Training Content:

During this course, trainees will cover the following topics:

- Understanding the communication between iFIX SCADA servers and iFIX iClient nodes.
- Configuring iFIX nodes using the System Configuration Utility (SCU).
- Configuring input/output drivers for communication with iFIX.
- Creating and modifying basic iFIX tags.
- Creating graphic pages using the object and animation library.
- Designing and implementing a screen navigation strategy.
- Creating basic scripts using Visual Basic for Applications (VBA).
- Configuring alarms and graphical objects to display and acknowledge them.
- Using trend curves to visualize real-time and historical data.
- Implementing security strategies.

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- Utilizing iFIX utilities and Windows administrator tools for project debugging and maintenance assistance.

Throughout the course, trainees will gain practical knowledge and hands-on experience in these areas, equipping them with the necessary skills to effectively work with the iFIX system.

Training Program

Day 1

Morning	Afternoon
Introduction to Ifix	M2 - Nodes and SCUs
M1 - Architecture	M3 - Communication drivers

Day 2

Morning	Afternoon
M4 - Real-time database	M6 - Synoptic navigation
M5 - Graphical environment and mimics	M7 - Advanced features

Day 3

Morning	Afternoon
M8 - Alarm management	M10 - Safety implementation
M9 - Trend curves	M11 - Analysis and maintenance tools

Teaching, Technical, and Supervisory Resources:

The training is delivered by an iFIX expert who possesses extensive experience in the field. Each trainee receives a comprehensive training manual at the beginning of the course. The training sessions are conducted in a well-equipped training room that features a video projector for effective presentations. Moreover, every trainee is provided with a laptop computer that is pre-installed with the necessary tools and software covered throughout the training program. These resources ensure a conducive learning environment and enable trainees to actively engage with the course materials.

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2.2   Ignition Digitization Platform: The Fundamentals

Objectives:

The objective of this course is to provide participants with a comprehensive understanding of the fundamentals of the Ignition platform (V8.1). The focus is on familiarizing participants with the different tools available for developing web applications using the Perspective module. Additionally, an optional add-on module specific to a dedicated application is available for those who want to gain practical experience in maintaining, modifying, or adding minor functionalities to an existing application.

Target Audience:

This training course is specifically designed for industrial IT specialists who are involved in maintaining or upgrading web applications developed on the Ignition platform.

Prerequisites:

Participants are required to have at least one year of experience in industrial IT to attend this course.

Duration:

The course spans two days, totalling 14 hours of instruction.

Conditions and Access Time:

The training is conducted in a face-to-face format and grants participants a two-month access period (for a minimum of three individuals).

Price:

The cost of the training is €1,150 per person (excluding taxes) for a session with three to six participants. This price includes training conducted at their premises, the training manual provided in PDF format, a training certificate upon completion, and lunches during the training sessions held on their premises.

Training Content

During the course, the trainee will cover the following points:

- Understanding Ignition Gateway settings and data,
- Open, save and view an application,
- Configuring variables via the OPC protocol,
- Understanding the different scripting methods,
- Configure historical data,
- Understand Web view design

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Training Program

Day 1

Morning	Afternoon
Introduction to Ignition	Ignition Designer: General/Project management
Ignition Gateway: General	Ignition Designer: Perspective Web Client
Ignition Gateway: Backup/Restore Gateway	Tag: Settings and properties
Ignition Gateway: License Activation	Tag: Viewing and creating OPC tags

Day 2

Morning	Afternoon
Tag: Using UDTs	Perspective: View and page
Tag: Data logging settings	Perspective: Container
Script: General	Perspective: View types (Docked, Popup)
Script: Understanding Python scripting	Perspective: Components and Binding

Teaching, Technical, and Supervisory Resources:

The training sessions are conducted by an experienced Ignition expert who has a proven track record in application development. Each trainee receives a comprehensive training manual at the beginning of the course, which includes all the necessary documents that will be presented throughout the training program. The training sessions are held in a well-equipped training room that features a video projector, ensuring effective visual presentations. Additionally, each trainee is provided with a laptop computer that is pre-installed with all the relevant tools covered during the course. These resources contribute to a conducive learning environment and allow trainees to actively engage with the course content.

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3.0 Specific Training Management

Objectives:

The specific training program is designed to address the specific needs that are not covered by our standard modules. It involves the addition of complementary modules that are tailored to each individual request. These additional modules will equip participants with the skills needed to maintain, modify, or add minor functionalities to a digital solution.

Target Audience:

This course is specifically designed for industrial IT specialists who are involved in the creation, maintenance, or upgrading of industrial web applications.

Prerequisites:

To participate in this training, the application must be linked to one of our technology partners' industrial software solutions, such as GE Digital, Inductive Automation, or Stratus.

Duration:

The duration of the training will be determined during the "training plan development" phase, taking into consideration the specific requirements and objectives.

Terms and Conditions:

The training will be conducted in a face-to-face format, with an access time of 2 months, and a minimum requirement of 3 participants.
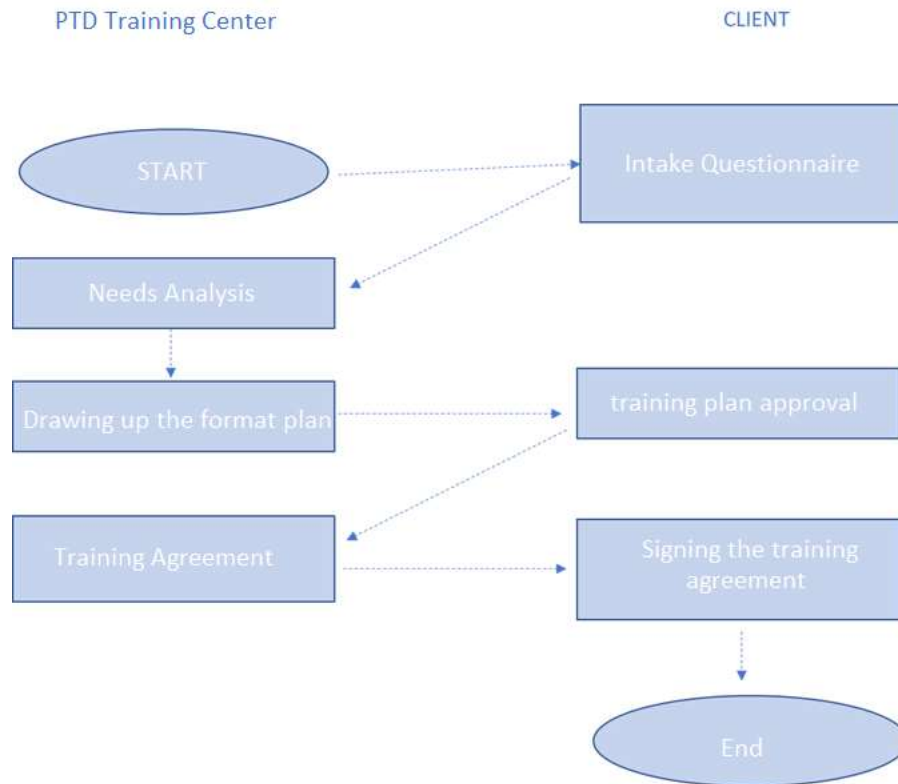
Price:

The pricing details for this training program will be determined during the "training plan development" phase, based on the specific requirements and scope of the training.

Training Content and Program:

The content and program for this training will be customized and defined during the "training plan development" phase to ensure that it aligns with the specific needs and objectives of the participants.

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Process Used to Set Up a Specific Training Course

When a training request is received that cannot be addressed by a standard module, we conduct a thorough needs analysis. In the case where a specific training course is required, we follow a well-defined process to ensure its successful implementation. The process is as follows:

Signing the agreement implies acceptance of the internal regulations (add a link to regulations).

4.0   General Terms and Conditions

Offer – Order – Order Confirmation

Acceptance of our offer and/or descriptive estimate by the customer implies the acceptance of our general conditions of sale and work. Any modifications, derogations, or additions to our offers, specifications, and estimates will only be valid with the express and formal agreement of Premier Tech Digital.

PT Digital will not be bound by any verbal agreements or orders unless they have been accepted in writing.

Intellectual Property Rights

All studies, plans, drawings, models, sketches, and reproductions provided on our documents or shared with our customers for consultation remain the exclusive property of PT Digital. They may not be transferred or shared with any third party without our explicit authorization.

Prices – Remuneration

Quoted prices are always net prices and exclude all parafiscal and fiscal taxes. Any changes in tax rates or the introduction of new taxes applicable to sales and services will be reflected in the quoted prices and ongoing deliveries or services from the date of their implementation.

Invoice – Payment

Payment terms are outlined in each estimate, supply invoice, and work progress report. Unless agreed otherwise, all invoices are payable according to the agreed terms at the time of the order.

Failure to make payments by the agreed due date will automatically result in immediate payment of all outstanding amounts without the need for any further notice or formalities. In addition, late payment interest, calculated at one and a half times the legal interest rate, will be added to the outstanding sums.

Delivery Times

The provided deadlines are for informational purposes only and are not binding on our company. Any delays in delivery shall not entitle either party to terminate the supply or service contract or claim damages.

Retention of Title

PT Digital retains full ownership of the services rendered and goods sold until the full and effective payment of the agreed price by the other party. This provision does not affect the transfer of risk upon delivery of the supplies or the legal provisions related to work acceptance.

The retention of title also applies to future receivables arising from the business relationship with the other party. In the case of successive deliveries, ownership of the goods will be transferred upon full payment for the delivered services. The deferrals granted to the other party must be accompanied by the same retention of title, which the other party agrees to in advance.

If the price or a single due date is not paid, the supplier may request the return of the used supplies by sending a registered letter with acknowledgment of receipt to the purchaser. Unless explicitly stated otherwise, the request for return does not terminate the contract.

The counterparty must promptly notify the supplier and/or service provider of any intervention that may affect the supplier's and/or service provider's rights to the remaining goods. The counterparty must also take immediate measures to protect and preserve the supplier's and/or service provider's rights to the delivered supplies and/or services.

Force Majeure

Force majeure allows PT Digital to postpone its obligation to deliver or perform without terminating the contract. PT Digital's obligations will be deferred until the force majeure event ceases.

Force majeure events include civil or military war, riot, terrorist attack, strikes (whether directly affecting PT Digital or caused by a third party hindering its activities), fire, accidents, and the inability for PT Digital to obtain supplies due to reasons beyond its control.

PT Digital is required to inform the counterparty as soon as it becomes aware of a force majeure event and to determine together the conditions for continuing contract performance.

Partial Nullity

The invalidity of one or more provisions in these general terms and conditions does not affect the validity of the remaining provisions. Invalid clauses will be interpreted according to current laws, regulations, and applicable principles of case law.

Applicable Law – Jurisdiction

French law applies to the contract, regardless of the place of supply and service. Any disputes arising from the contract and its consequences will be exclusively submitted to the courts in the jurisdiction of PT Digital's domicile, even in the case of summary proceedings, third-party proceedings, or multiple defendants.

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