



Training Overview



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CoreShop Solutions Pimcore Training Overview

Pimcore training offerings

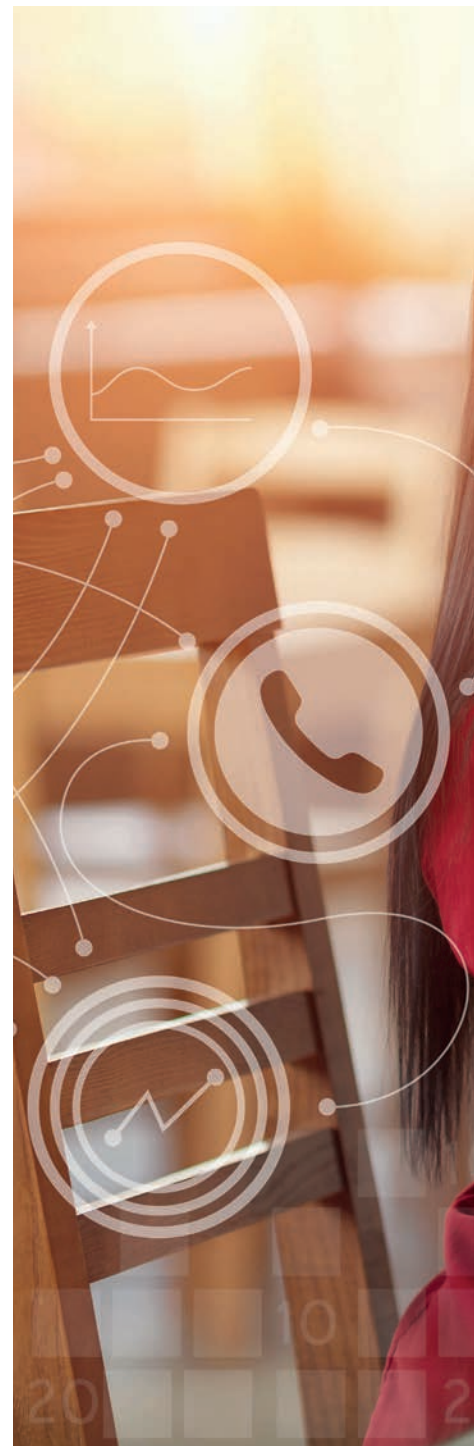
- Pimcore Basic Training: Two (2) Half Days with Labs
- Pimcore Professional Training: Five (5) Half Days with Labs
- Professional CoreShop e-Commerce Training, please inquire
- CoreShop Extensions Training, please inquire
- On Demand Coaching, please inquire

Pimcore Basic Training: Two (2) Half Days

The Basic Pimcore training is designed to give you a head start on various features available in Pimcore. This training provides an introduction into Pimcore, getting started with pimcore, working with pimcore elements, basic administration of pimcore and basics of the REST API available in pimcore. After finishing this training session, you should know about the concepts of Pimcore, know where to find what, be able to get started and create your own simple solutions with pimcore.

Prerequisites:

- Profound knowledge of object orientated web development with PHP >= 5.6, based on the MVC (model view controller) pattern
- Good Knowledge of Zend framework
- Basic Knowledge of MySql/MariaDB
- Knowledge of Ext Js 6.0 (Desirable)
- Basic Knowledge of Redis (Desirable)
- Notebook with installed virtual machine and provided image with Pimcore demo running, SSH access and PHP IDE with access to provided Pimcore demo sources is advantageous.



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Day 1



Topic	Description	Duration
Introduction to Pimcore	<p>What is Pimcore</p> <ul style="list-style-type: none">• Short Summary about Pimcore and its capabilities.• Short summary of what Pimcore not is to get a clear separation to other products. <p>Features of Pimcore with Project Showcase Explaining features like PIM, CMS, DAM and eCommerce. Few Project showcases to show the feature implementations in real time.</p> <ul style="list-style-type: none">• Short introduction to the Pimcore ecosystem - where to find what, where to get help etc.	45 Minutes
Getting Started	<p>Prerequisites & System Requirements</p> <ul style="list-style-type: none">• Overview of System Requirements and• Configuration requirements <p>Pimcore Set up</p> <ul style="list-style-type: none">• Hands on installing Pimcore. Get started with login to Admin Interface. <p>System Requirement Validation</p> <ul style="list-style-type: none">• Check PHP info, Server Info and other System requirements through Pimcore interface. <p>File System Organization</p> <ul style="list-style-type: none">• Overview of how the File System is organized through Server File Explorer.	30 Minutes

Topic	Description	Duration
Getting familiar with Pimcore Basics	<p>Basic Operating Principles</p> <ul style="list-style-type: none"> • What are the basic Operating Principles - Inheritance, MVC, used technologies and components? <p>Overview of Admin Backend</p> <ul style="list-style-type: none"> • What are the basic Elements available in Pimcore (Documents/Assets/Objects) and their organization in Admin interface, overview of Dashboard and menu structure. <p>System Settings Menu details</p> <ul style="list-style-type: none"> • Detail walkthrough of System settings and their use. 	20 Minutes
Digital Asset Management	<p>Available Digital Asset Management features</p> <ul style="list-style-type: none"> • Talk about things like how assets can be managed in Pimcore and what features are available like upload, download, meta-data, properties, versioning and scheduling <p>Thumbnail</p> <ul style="list-style-type: none"> • Create thumbnail for Assets and use various transformation features. <p>Working with Assets Editor</p> <ul style="list-style-type: none"> • How to use the Asset editor within Pimcore for image editing. 	30 Minutes
Content Management	<p>Documents & Templates</p> <ul style="list-style-type: none"> • Introduction to documents and templates and how they can be used to create website pages. <p>Documents Types</p> <ul style="list-style-type: none"> • Overview of available document types- Page, Snippet, Hard Link, Folder, Email. <p>Content Page</p> <ul style="list-style-type: none"> • Simple example of creating a content page and providing a layout with header, footer, sidebar etc. <p>Document Features</p> <ul style="list-style-type: none"> • Talk about features like Settings, Properties, File Structure and controllers and View Helpers. <p>Editables</p> <ul style="list-style-type: none"> • Talk about the basic editables available and uses of these editables – Input, image, snippet, textarea, select, link etc. <p>Overview of complex editables – Block, Area,</p> <ul style="list-style-type: none"> • Areablock, Bricks, Renderlet 	2 Hours

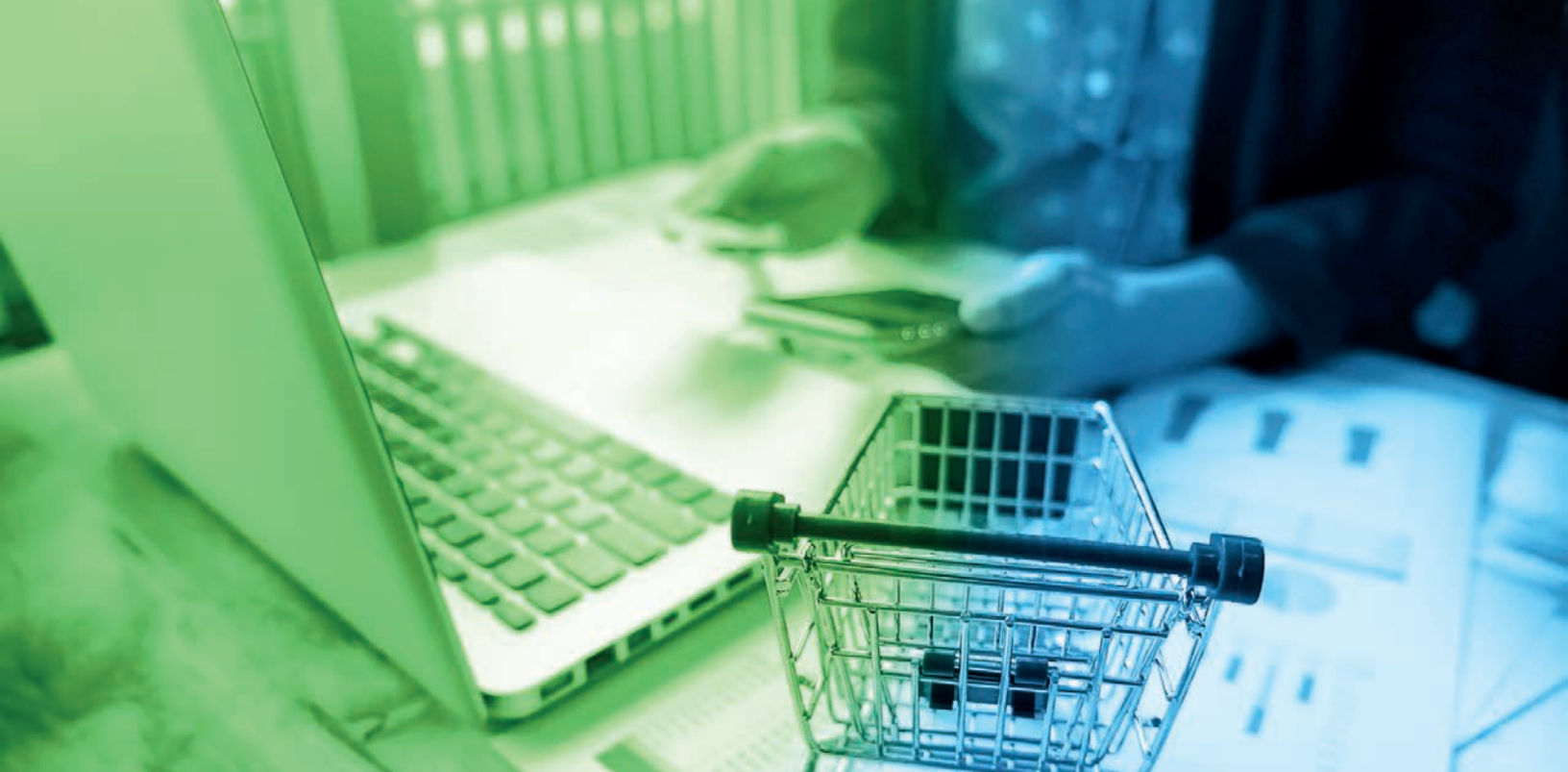
Topic	Description	Duration
Content Management Advanced	<p>Navigation</p> <ul style="list-style-type: none"> • Setting up Navigation in the frontend, and covering topics like configurable properties, redirects, pretty URLs etc. <p>Custom Document types</p> <ul style="list-style-type: none"> • Simple example of creating a custom document type and using Predefined properties <p>Thumbnails for images</p> <ul style="list-style-type: none"> • Simple example of using Thumbnails in documents • Website Settings • Setting up configurable Website Settings and using them across websites <p>Static Routes</p> <ul style="list-style-type: none"> • Working with Static Routes • Multi-Language and Multi Domain Sites • Setting up multi-language sites by using language trees, content master documents and website translations. Setting up multi domain websites. <p>Tag & Snippet Management</p> <ul style="list-style-type: none"> • Working with the built-in tag & snippet management of Pimcore. <p>SEO</p> <ul style="list-style-type: none"> • Getting an overview of the SEO functionalities of Pimcore. 	90 Minutes

Day 2



Topic	Description	Duration
Product Management	<p>Overview of Objects and Classes</p> <ul style="list-style-type: none">• Setting up data model using Pimcore object classes and inheritance concept. <p>Class Management</p> <ul style="list-style-type: none">• Go through features available for classes like create, delete, export, import, define layout and add attributes. <p>Data Types</p> <ul style="list-style-type: none">• Overview about various types of data types available and their uses. <p>Object Management</p> <ul style="list-style-type: none">• Walkthrough of features available for Objects like add, edit, delete, publish, concept of child object and variants, import and export through CSV, Versions, Scheduling etc. <p>Additional features</p> <ul style="list-style-type: none">• Explore various other features available in the Admin UI like Show in Tree, Lock/UnLock, Dependencies, Copy, Paste, Rename etc., Object listing, filters, Search, Batch Update etc.	90 Minutes

Topic	Description	Duration
Product Management Advanced	<p>Custom Layouts</p> <ul style="list-style-type: none"> • Setting up Custom Layouts for additional views <p>Object Bricks</p> <ul style="list-style-type: none"> • Go through Object bricks to learn how to add specific/selective attributes on objects <p>Field Collections</p> <ul style="list-style-type: none"> • Go through Field Collections to learn how to add repetitive group of attributes on objects <p>Localization</p> <ul style="list-style-type: none"> • Setting up localized attributes for Products <p>Database Overview</p> <ul style="list-style-type: none"> • Getting an overview of the general database schema of Pimcore and talk about which tables are used for what. 	90 Minutes
Additional Features	<p>Various additional topics to know:</p> <ul style="list-style-type: none"> • What is Key/Value configuration and how to use it • Perspective and Custom Views • Search • Tag management • Custom Reports – how to create reports and use them to create charts, add filters to reports, use charts on Dashboard 	90 Minutes
Administration	<p>Various topics of Pimcore administration like</p> <ul style="list-style-type: none"> • User Management • Role Management • Application logger 	30 Minutes
REST Web services	<p>Walkthrough of the REST services available in Pimcore and what is required to use these services</p>	20 Minutes



Pimcore Professional Training (5 Days)

The Professional Pimcore training is designed to get you started on your Pimcore Journey by providing insights into capabilities of Pimcore and providing hands on sessions. This training provides an introduction into Pimcore, installation and configuration of pimcore, working with pimcore elements, basic administration, overview of REST API available and how to extend and customize Pimcore. Each training session has hands on lab with pre-defined assignments where you can implement topics from each session. After finishing this training session, you should know about the concepts of Pimcore, how to install and configure, know where to find what, create your own solutions and extend pimcore with Plugins.

Prerequisites:

- Profound knowledge of object orientated web development with PHP \geq 5.6, based on the MVC (model view controller) pattern
- Good Knowledge of Zend framework
- Basic Knowledge of MySql/MariaDB
- Knowledge of Ext Js 6.0 (Desirable)
- Basic Knowledge of Redis (Desirable)
- Notebook with installed virtual machine and provided image with Pimcore demo running, SSH access and PHP IDE with access to provided Pimcore demo sources is advantageous.



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Day 1



Topic	Description	Duration
Introduction to Pimcore	<p>What is Pimcore</p> <ul style="list-style-type: none">• Short Summary about Pimcore and its capabilities. <p>General overview of what Pimcore is Not</p> <ul style="list-style-type: none">• Short summary of what Pimcore not is to get a clear separation to other products. <p>Features of Pimcore with Project Showcase</p> <ul style="list-style-type: none">• Explaining features like PIM, CMS, DMS and commerce.• Review a few Project showcases to show the feature implementations in real time. <p>Ecosystem/Partner System</p> <ul style="list-style-type: none">• Short introduction to the Pimcore ecosystem - where to find what, where to get help etc.	30 Minutes
Getting Started	<p>Prerequisites & System Requirements</p> <ul style="list-style-type: none">• Overview of System Requirements and Configuration requirements <p>Pimcore Set up</p> <ul style="list-style-type: none">• Hands on installing Pimcore. Get started with login to Admin Interface. <p>System Requirement Validation</p> <ul style="list-style-type: none">• Check PHP info, Server Info and other System requirements through Pimcore interface. <p>File System Organization</p> <ul style="list-style-type: none">• Overview of how the File System is organized through Server File Explorer	60 Minutes

Pimcore Professional Training - Day 1

Topic	Description	Duration
Getting familiar with Pimcore Basics	<p>Basic Operating Principles</p> <ul style="list-style-type: none"> • What are the basic Operating Principles - Inheritance, • MVC, used technologies and components <p>Overview of Admin Backend</p> <ul style="list-style-type: none"> • What are the basic Elements available in Pimcore (Documents/Assets/Objects) and their organization in Admin interface, overview of Dashboard and menu structure. <p>System Settings Menu details</p> <ul style="list-style-type: none"> • Detail walkthrough of System settings and their use. 	20 Minutes
Digital Asset Management	<p>Available Digital Asset Management Features</p> <ul style="list-style-type: none"> • Talk about things like how assets can be managed and what features are available like upload, download, meta-data, properties, versioning and scheduling <p>Thumbnail</p> <ul style="list-style-type: none"> • Create thumbnail for Assets and use various transformation features. <p>Working with Assets Editor</p> <p>How to use the Asset editor within Pimcore for image editing</p>	40 Minutes
Assignments	Hands on assignments on Login, Dashboard and Asset Management and getting familiar with Admin Interface	30 Minutes
Content Management	<p>Documents & Templates</p> <ul style="list-style-type: none"> • Introduction to documents and templates and how they can be used to create website pages. <p>Documents Types</p> <ul style="list-style-type: none"> • Overview of available document types- Page, Snippet, Hard Link/Link, Folder, Email. <p>Content Page</p> <ul style="list-style-type: none"> • Simple example of creating a content page and providing a layout with header, footer, sidebar etc. <p>Document Features</p> <ul style="list-style-type: none"> • Talk about features like Settings, Properties, File Structure and controllers and View Helpers. <p>Editables</p> <ul style="list-style-type: none"> • Talk about the basic editables available and uses of these editables – Input, image, snippet, textarea and WYSIWYG. 	2 Hours



Day 2



Topic	Description	Duration
Content Management Advanced	<p>Complex Editables</p> <ul style="list-style-type: none">• Overview of complex editables – Table, Checkbox, Date, Video, Select, Href, Link, Block, Area, Areablock and Bricks <p>Navigation</p> <ul style="list-style-type: none">• Setting up Navigation in the frontend, and covering topics like configurable properties, redirects, pretty URLs etc. <p>Custom Document types</p> <ul style="list-style-type: none">• Simple example of creating a custom document type and using Predefined properties <p>Thumbnails for images</p> <ul style="list-style-type: none">• Simple example of using Thumbnails in documents <p>SEO</p> <ul style="list-style-type: none">• Getting an overview of the SEO functionalities of Pimcore. <p>Marketing Settings</p> <ul style="list-style-type: none">• Getting an overview of the marketing settings provided by Pimcore in combination with documents.	2.5 Hours
Assignments	<p>Hands on assignments to create a Content Type, Define Layout, Create Page and Editable, Use thumbnail in documents etc.</p>	1.5 Hours

Day 3



Topic	Description	Duration
Content Management Advanced	<p>Website Settings</p> <ul style="list-style-type: none">• Setting up configurable Website Settings and using them across websites <p>Static Routes</p> <ul style="list-style-type: none">• Working with Static Routes <p>Multilanguage and Multi Domain Sites</p> <ul style="list-style-type: none">• Setting up multi-language sites by using language trees, content master documents and website translations. Setting up multi domain websites with Pimcore. <p>Tag & Snippet Management</p> <ul style="list-style-type: none">• Working with the built-in tag & snippet management of Pimcore.	30 Minutes
Product Management	<p>Overview of Objects and Classes</p> <ul style="list-style-type: none">• Setting up data model using Pimcore object classes and inheritance concept. <p>Class Management</p> <ul style="list-style-type: none">• Go through features available for classes like create, delete, export, import, define layout and add attributes. <p>Data Types</p> <ul style="list-style-type: none">• Overview about various types of data types available and their uses. <p>Object Management</p> <p>Walkthrough of features available for Objects like add, edit, delete, publish, concept of child object and variants, import and export through CSV, Versions, Scheduling etc.</p> <p>Additional features</p> <ul style="list-style-type: none">• Explore various other features available in the Admin UI like Show in Tree, Lock/UnLock, Dependencies, Copy, Paste, Rename etc., Object listing, filters, Search, Batch Update etc.	2 Hours
Assignments	Hands on assignments on create a new class, add layout and fields, add objects etc.	1.5 Hours

Day 4



Topic	Description	Duration
Product Management -Advanced	Custom Layouts <ul style="list-style-type: none">• Configuring Custom Layouts for Object editing Object Bricks <ul style="list-style-type: none">• Go through Object bricks to learn how to add specific/selective attributes on objects Field Collections <ul style="list-style-type: none">• Go through Field Collections to learn how to add repetitive group of attributes on objects Localization <ul style="list-style-type: none">• Setting up localized attributes for Products Database Overview <ul style="list-style-type: none">• Getting an overview of the general database schema of Pimcore and talk about which tables are used for what.	2 Hours
Additional Features	Various additional topics to know: <ul style="list-style-type: none">• What is Key/Value configuration and how to use it• Search• Tag management• Translationexport (XLIFF)	1 Hour
Assignments	Hands on assignments for Custom Layout, Object, collections and Search	1 Hour

Day 5



Topic	Description	Duration
Server Architecture	Insights into server setup, database setup, load balancing, Pimcore cloud setup	20 Minutes
Administration	Various topics of Pimcore administration: <ul style="list-style-type: none">• User Management• Role Management• Application logger• Updating Pimcore	30 Minutes
REST Web services	Walkthrough of the REST services available in Pimcore and what is required to use these services	40 Minutes
Customizing and Extending Pimcore/Plugin Development	General <ul style="list-style-type: none">• Getting insights into the concepts of startup.php, constants.php and phpDI. Events <ul style="list-style-type: none">• How to use server-side and client-side events. Plugins <ul style="list-style-type: none">• Jumpstart in plugin development covering plugin anatomy, event manager, extension of Pimcore backend, composer, etc.	1.5 Hours
Assignments	Hands on assignments on creating simple extension	1 Hour



CORESHOP
SOLUTIONS FOR PIMCORE

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