



## XML-file parameters reference guide

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## 1 Axxon PSIM base

XML file	Parameter	Available values	Default	Product version	Parameter in effect
<Archive storage drive>: \\VIDEO\Settings.xml	RotateAngle	0, 90, 180, 270	0		<p>Sets the rotation angle of video image in the archive. If the rotation angle is specified in the video camera settings (see <a href="#">Configuring a rotation angle of video image</a>), then this parameter is set automatically in Settings.xml file.</p> <p>In <i>Axxon player the archive</i> is rotated at the specified angle when being played back or exported</p>
	SyncedTime	Date and time in the following format: DD-MM-YY hh:mm:ss	-		<p>Shows time of last import from edge storage as DD-MM-YY hh:mm:ss</p> <p>The import is performed from the time specified in the parameter if the number of hours does not exceed the time set by IpStorageSyncDepthHours registry key (see <a href="#">Registry keys reference guide</a>).</p> <p>The parameter can be changed by UPDATE_TIME command (see <a href="#">IPSTORAGE</a>)</p>
C: \\ProgramData\\elasticsearch-5.2.2\\config\\elasticsearch.yml	http.port	0 - 65536	9200	Axxon PSIM 1.0.0 and later	The parameter sets the port occupied by Elastic Search search engine. The value is to be the same as one specified in the cam_title.run.config file (see below)
<Axxon PSIM installation >\\Modules\\cam_title.run.config	ElasticSearch Port	0 - 65536	9200		The parameter sets the port <i>Axxon PSIM</i> sends data for Elastic Search search engine to. The value is to be the same as one specified in the elasticsearch.yml file (see above)
<Axxon PSIM installation >\\HostSettings.xml	DNS	-	-	-	This file stores the addresses of DNS servers specified using the <i>Advanced Setup</i> utility (see <a href="#">The Settings panel of the DNS section</a> )
<Axxon PSIM installation >\\Modules\\cam_title.run.config	<a href="#">SearchIndex</a>	True, False	False	Axxon PSIM 1.0.0 and later	<p>Enables the use of the Elastic Search search engine for titles search.</p> <p><b>True</b> – Elastic Search is in use</p> <p><b>False</b> – Elastic Search is not in use</p>

## 2 FACE PSIM

XML file	Parameter	Available values	Default	Parameter in effect
<Directory of the Axxon PSIM software installation >\Modules\face_client.run.config	ProblemImages	Path to a folder	None	Specifies the path to the folder for storing images which have been skipped (there are 2 or more faces in the image, or the face was not recognized due to the poor image quality) during the automatic adding of faces from the folder (see Adding images to the reference face database). The specified folder will be created automatically.  <b>Note.</b> If %USER% is specified in the parameter value, the images which haven't been added to the database will be stored in the folder: C:\Users\%LOGGED_USER%\AppData\Local\AxxonSoft\FacePSIM\ProblemImages\
	Timeout	>=0	60000	Specifies the waiting timeout for the face search results in milliseconds
	Port	>=0	10000	Specifies the TCP port for face_client.run
	RemoteUrl	IP address	none	Specifies the sending address of the HTTP POST request. It is used for the images transfer to an external system (see Configuring the images transfer to an external system)
	AnalyticsTimeout	>=0	1000000	Specifies the time in milliseconds for refreshing the analytical data in the <b>Face recognition and search</b> interface object. When the time expires, the <b>Operation has timed out</b> error will be displayed (see Viewing the analytical data)
	PasserByFramesPerCamera	>=0	10	Specifies the maximum number of comparison results for one camera. A value of <b>0</b> means that the number of comparisons is unlimited
	HideViewButton	true, false	False	Hides the "View" button from the interface for monitoring of captured and recognized faces (see Monitoring of captured and recognized faces)
	SimpleMode	true, false	False	Enables the Simple mode of monitoring, which makes the upper part of the <b>Face recognition and search</b> interface window hidden, and such operations as working with the reference face database, face searching in the video archive, and some others unavailable (see Enabling the Simple mode of captured and recognized faces monitoring)
	AutoFollowTimeSeconds	>=0	120	Specifies the time in seconds after which the <b>Follow new faces</b> checkbox will be set automatically, if it is unset. The <b>0</b> value means that the checkbox will not be set automatically (see Monitoring of captured and recognized faces)
	CounterRowCount	>=0	0	Specifies the maximum number of rows (unique faces) in the generated report on analytical data (see Viewing the analytics). The <b>0</b> value means there is no limit
	HideCheckBoxPSIMPerson	true, false	False	Hides the <b>Create a user in the PSIM database</b> checkbox and assigns a unique <b>Person_ID</b> to each face when adding it to the reference face database (see Adding images to the reference face database)
HideResultsWithoutImages	true, false	False	Hides the face search results with the face images damaged due to the emergency shutdown of the <b>FACE PSIM</b> server	

XML file	Parameter	Available values	Default	Parameter in effect
<Directory of the Axxon PSIM software installation>\Modules64\firserver_replicate.run.config	LogBadImages	true, false	False	Enables saving "bad" photos of faces when the <b>Face database replication</b> module is used (see Face database replication). Photos of faces which could not be added will be saved on the main Server in the folder <Directory of the Axxon PSIM software installation>\Modules64\Firserver_replicate_problem_images

### 3 Axxon Player

XML file	Parameter	Available values	Default	Parameter in effect
<Axxon PSIM installation directory>\Tools\Axxon_player.xml	Most of the parameters are filled in automatically in the <i>Axxon Player</i> interface. Below are the options that are not available in the interface			
	Render	0, 1	1	Sets the type of render: 0 – rendering is performed in OpenGL 1 – rendering is performed in Direct3d