



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	In the current version	Sets the rotation angle of video image in the archive. If the rotation angle is specified in the video camera settings (see Configuring a rotation angle of video image), then this parameter is set automatically in Settings.xml file. In Axxon player the archive is rotated at the specified angle when being played back or exported
	SyncedTime	Date and time in the following format: DD-MM-YY hh:mm:ss	NA	In the current version	Shows time of last import from edge storage as DD-MM-YY hh:mm:ss. The import is performed from the time specified in the parameter if the number of hours doesn't exceed the time set by IpStorageSyncDepthHours registry key (see Registry keys reference guide). The parameter can be changed by UPDATE_TIME command (see IPSTORAGE Edge storage)
C: \\ProgramData\\elasticsearch-5.2.2\\config\\elasticsearch.yml	http.port	0—65536	9200	From 1.0.0 and later	The parameter sets the port occupied by the Elastic Search search engine. The value must 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	In the current version	The parameter sets the port Axxon PSIM sends data for the Elastic Search search engine to. The value must be the same as one specified in the elasticsearch.yml file (see above)
<Axxon PSIM installation>\\HostSettings.xml	DNS	NA	NA	In the current version	This file stores the addresses of DNS servers specified using the <i>Advanced Setup</i> utility (see The settings panel of the Connection section)
<Axxon PSIM installation>\\Modules\\cam_title.run.config	SearchIndex	True, False	False	From 1.0.0 and later	Enables the use of the Elastic Search search engine for captions search. True —Elastic Search is in use False —Elastic Search isn't in use

2 WEB Report System PSIM

XML file	Parameter	Available values	Default	Product version	Parameter in effect
<Axxon PSIM installation directory>\Modules\Wt2\Web.config	CamMonitorShift	-5000 — 5000	0	In the current version	Sets shifting of video start while viewing report in milliseconds: >0—video will start later than the time specified in the report <0—video will start earlier than the time specified in the report
	WorkThroughGateway	true, false	false	starting from 1.0.0	Enables video receiving from the gateway for POS reports and for <i>Face PSIM</i> reports. A gateway is selected automatically
	CommandTimeout	Time in seconds	200	In the current version	Allows setting the time in seconds during which waiting for data receiving and report generation must occur
	PersonNameLength	>=0	NA	1.0.0	By default, the parameter is absent in the file (corresponds to the 1 value). Add it to the <appSettings> section in the following format: <add key = "PersonNameLength" value = "5" /> The parameter limits the user's patronymic to the number of characters specified in the value parameter for <i>Access Manager</i> and <i>Time&Attendance</i> reports. Example (if value = "5"): Ivanoff Peter Alex. If value = "0", the full name is displayed completely, without abbreviations. Example: Ivanoff Peter Alexandrovich
	PersonNameIncludesId	0, 1	NA	1.0.0	By default, the parameter is absent in the file (corresponds to the 1 value). Add it to the <appSettings> section in the following format: <add key = "PersonNameIncludesId" value = "1" /> The parameter allows enabling the display of the user ID in parentheses after the user full name in the <i>Access Manager</i> and <i>Time&Attendance</i> reports. value = "1"—the user ID in parentheses is displayed after the user full name. Example: Ivanoff Peter Alexandrovich (1) value = "0"—the user ID isn't displayed
	SweatheartingEnabled	0, 1	0	1.0.0	Enables the Sweathearting report

XML file	Parameter	Available values	Default	Product version	Parameter in effect
	SweatheartingAddItemPosFunctionNumber	>=0	NA	1.0.0	Sets the Adding product to document function number from the dbo.FuncDic table, which is necessary for the Sweathearting report's proper operation
	SweatheartingBeginReceiptPosFunctionNumber	>=0	NA	1.0.0	Sets the function number used as the beginning of the receipt from the dbo.FuncDic table for the Sweathearting report's proper operation
	SweatheartingEndReceiptPosFunctionNumber	>=0	NA	1.0.0	Sets the function number used as the beginning of the receipt from the dbo.FuncDic table for the Sweathearting report's proper operation
	SweatheartingFilterByReceiptIntervals	0, 1	0	1.0.0	Enables the sweethearting events filtering so that only the events that occurred while the receipt was open are displayed in the Sweathearting report
	SweatheartingAddTimeouts	>=0	500	1.0.0	Sets the time period between the detector's event and the POS event, exceeding which, the sweethearting event is added to the Sweathearting report
	SweatheartingBeepEnabled	0, 1	1	1.0.0	Disables the sound notification about new events in the Sweathearting report
	SweatheartingStepCount	>=0	1000	1.0.0	Sets the required number of the loaded events when first starting the Sweathearting report
	SweatheartingPreloadDays	>=0	140	1.0.0	Sets the required number of days the events from which must be displayed when first starting the Sweathearting report
	EnablePasskindReport	true, false	false	1.0.0 only	Enables an Issued pass cards report
	IpServerUrl	IP address of the http://localhost:[port]/[object] form	http://localhost:22441/core	1.0.0	<p>Sets the IP address of the server the data from which is used to build reports.</p> <p>http://localhost:22441/core—address for the <i>Access Manager</i> reports. The port number is determined by the Restport key, the default is 22441.</p> <p>http://localhost:10001/lprserver—address for the <i>AUTO</i> reports. The port number is determined by the URMLPR\Restport key, the default is 10001.</p> <p>http://localhost:10000/firserver—address for the reports using the Face Recognition server. The port number is determined by the FRS\Restport key, the default is 10000.</p> <p>See also Registry keys reference guide</p>

XML file	Parameter	Available values	Default	Product version	Parameter in effect
	PsimVideoStreamNumber	0–4	0	1.0.0	Sets the camera stream number in live video reports (0, 1 is the first camera stream)
	ShowIconNewCashier	true, false	true	1.0.0	Highlights the new cashier's name in the POS reports with the "asterisk" icon and the different color name for those who work less than a specified number of days
	CountDaysNewCashier	>=0	30	1.0.0	Sets the number of days within which the cashier is considered a new one (the key is used together with the ShowIconNewCashier key)
	QueueLengthDelta	0, 0.5	0.5	1.0.0	Sets the values threshold that are included into the table reports by the Queue Length detectors: 0 —values equal to 0 and greater are included in the report 0.5 —only the values greater than 0.5 are included in the report
	GenderAnalyticsUrl	IP address	http://localhost:10000/firserver	1.0.0	Sets the address of the server where the Face Recognition server is located (see Configuring the Gender analytics report)
	ReportSystemHost	IP address	localhost	1.0.0	Sets the address of the server on which the <i>Axxon PSIM</i> software is located. It is necessary for the Face recognition report (see Face recognition report) and Report by employee passes with photo (see Report by employee passes with photo)
<Axxon PSIM installation directory>\Modules\Wt2\App_Data\Settings\DateFormat.config	ServerDateTimeFormat	Date and time format	d MMMMM yyyy HH:mm:ss	1.0.0	Sets the date and time format in General Reports (see Configuring the date and time format in General Reports)
<Axxon PSIM installation directory>\Modules\Wt2\App_Data\Mail\web.config	<configuration><system.net><mailSettings><smtp>from	String	NA	In the current version	Email address from which the auto-generated reports are sent (see Configuring the SMTP Server)
	<configuration><system.net><mailSettings><smtp>host	String	NA	In the current version	SMTP server name (see Configuring the SMTP Server)

XML file	Parameter	Available values	Default	Product version	Parameter in effect
	<configuration><system.net><mailSettings><smtp>password	String	NA	In the current version	Password of the account used for sending the messages to the SMTP Server (see Configuring the SMTP Server)
	<configuration><system.net><mailSettings><smtp>port	>=0	25	In the current version	Port number used by the SMTP Server (see Configuring the SMTP Server)
	<configuration><system.net><mailSettings><smtp>userName	String	NA	In the current version	Name of account used for sending the messages to the SMTP Server (see Configuring the SMTP Server)
	<configuration><system.net><mailSettings><smtp>enableSsl	true, false	false	In the current version	Enables the SSL encoding to connect to the SMTP Server (see Configuring the SMTP Server)
<Axxon PSIM installation directory>\Modules\Wt2\App_Data\Settings\Settings.config	CurrencyFormat	String	₪	1.0.0	Sets the currency display format for the report by the number of goods with specific action
	IsPersianLanguageUse	true, false	false	1.0.0	Enables the numbers filtering using the Persian alphabet and numbers. <i>Note. If this key is set to the true value, then the IsArabicLanguageUse key must be set to false</i>
	IsArabicLanguageUse	true, false	false	1.0.0	Enables the numbers filtering using the Arabic alphabet and numbers. <i>Note. If this key is set to the true value, then the IsPersianLanguageUse key must be set to false</i>

3 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 isn't 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 is created automatically. <i>Note. If %USER% is specified in the parameter value, the images which haven't been added to the database are stored in the folder: C:\Users\%LOGGED_USER%\AppData\Local\AxxonSoft\FacePSIM\ProblemImages\</i>
	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)
	AnalycTimeout	>=0	1000000	Specifies the time in milliseconds for refreshing the analytical data in the Face recognition and search interface object. When the time expires, the Operation has timed out error is displayed (see Viewing the analytics)
	PasserByFramesPerCamera	>=0	10	Specifies the maximum number of comparison results for one camera. The 0 value means that the number of comparisons is unlimited
	HideViewButton	true, false	False	Hides the View button from the interface of monitoring the 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 Face recognition and search interface window hidden, changing the appearance of the window, working with the reference face database, face searching in the video archive, and others becomes unavailable (see Enabling the Simple mode of captured and recognized faces monitoring)
	AutoFollowTimeSeconds	>=0	120	Specifies the time in seconds after which the Follow new faces checkbox is set automatically, if it is clear. The 0 value means that the checkbox isn't 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 0 value means that there is no limit
HideCheckBoxPSIMPerson	true, false	False	Hides the Create a user in the PSIM database checkbox and assigns a unique Person_ID 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 FACE PSIM server	

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

4 Axxon Player

XML file	Parameter	Available values	Default	Parameter in effect
<Axxon PSIM installation directory>\Player\Axxon_player.xml	Most of the parameters are filled in automatically in the Axxon Player interface. Below are the options that aren't 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