Biometric Technology Provider



Device Console Software

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Palizafzar

Time & Attendance Systems Provider

Palizafzar company created to produce Time and Attendance systems, LED digital billboard, and related systems in the field of hardware and software in 1996. The company specialized groups with laboriously trying to improve the quality, and supply products to the Iranian market.

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Introduction

Device Console Software is a service that provides a congenial environment for managing the identification information of employees, such as fingerprints, faces, cards, and password, regardless of the type of identification accepted on the device, as well as the standards used.

Our goal is adding new devices to the service that support the new device by only adding an extension to the Device Console Software. Also, many of our companies and clients have their enterprise portals, so they want to manage their devices through their enterprise portals. Therefore, Console Software designed as a Windows-based service that is capable of servicing all networked clients.

By default, a user interface provided with the console application, which is just one example of an application that demonstrates the capabilities a user requirement and interacts with the service of the device. Each user can have a dedicated user interface and manage their machines there.i

The device console software divided into two general sections: "definitions" and "operations."

In the definitions section, the main components of the device console software are defined like Groups, Access Templates, Devices, Personnel, Operators, and Settings.

Also, in the operations section, there are all operations performed by the software, including connection with the application, backup data, monitoring operator activity, monitoring traffic, export traffic file, import traffic, and change password.

Group Management

Group management is accessible through: definitions/ group management.

The following image shows the group management window. Here you can do operations related to group like add, edit, and delete. You can see all groups or search for the specific group by entrance search parameters.

nitions Operations Help oup Management 28		- 0
Add Edit Delete Refresh Information earch By roup Name: Conditio Groups List A All Groups Complete Mereyhan	Edit Group 3arent : nezarat Group Name: reyhan Schedule Hereditary Specific From Date Per Day Every Day In In In Ivery 0:0 In	Search Reset Hel
	Save	



Access Template

Users can take advantage of software capabilities with different access levels. These access levels are defined by different access template for users.

Access templates are accessible from the definitions/ access templates. The following image shows the window for access template. This window allows you to search, add, edit, and delete access template.

Definitions Operations Help Access Template 25		
Access Template 28		•
		×
Add Edit Delete		
- Search By		
Access Template Name: Condition: Include this phrase	> Search Rese	¢
Search Results (1)	Access Tree	lelp –
Admin	Image: Second Secon	

Device Management

Device management is accessible from the Definitions / Device Management path.

The following image shows the device management window. It performs operations such as search, add, edit, delete, grouping, change status, display device personnel status, receive personnel information from the device, preview before the update, send data to the device, delete personnel information from the device, get traffic, update, stop operations, card templates, and settings.

The connection status of the devices shows with green circles (connected) and red circles (disconnected) next to each row.

In the search results section, information about the devices is displayed that including device status, device group, device IP address, device version, the total number of personnel and traffic, comment column, and the total amount of traffic in the device that has not been sent to the server vet.



Personnel Management

Personnel management is accessible through: Definitions / Personnel Management path.

The following image shows the personnel management window. It performs operations such as search, add, edit, delete, change status, grouping, and issuing cards for personnel.

The device console software makes it possible to save fingerprint information on the card to retrieve personnel fingerprint information when necessary. In the fingerprint registration form, you can select at least one or all of the personnel fingerprints for registration.

efinitio	ons Operations Help						
erson	nel Management 22						
100				-			
4			i.				
				0			
Ad	d Edit Delet	e Change Gr Status	ouping 1	Issuing Card			
n) se	earch By	Status					
-	Full Name	Phrase:			Condition: 1	nclude this phrase	
ш.		FindSc.			Condition. 1	icidue dillo prinase	
	Group G	Froup Name: Withou	t Group	- Include	Subgroups	Admin	
	Personnel Code	Phrase:				Search Reset	
7	Search Results (17657) (From 0 To 1000)	>				Help
	Full Name			Identification Type	Group	Admin Available Identificati	ion Items in Database
	run name	Personnei Code	Status	Identification Type	Group		
						 Fingerprint,Card 	
	Emma	300934	Active	Card or Fingerprint	Supervision	∡ Fingerprint Virdi Compati	tie
						b Card	ле
	Harry	326038	Active	Fingerprint		Fingerprint (Virdi Compa	(tible)
ī	Olivia	330230	Active	Fingerprint		Fingerprint (Virdi Compa	
Ē	Jack	331830	Active	Fingerprint		Fingerprint (Virdi Compa	
Ē.	Isabella	332518	Active	Fingerprint	Supervision	Fingerprint (Virdi Compa	
n	Leo	333638	Active	Fingerprint		Fingerprint (Virdi Compa	
п	Alice	333654	Active	Fingerprint	Supervision	Fingerprint (Virdi Compa	
ы	Jacob	335606	Active	Fingerprint		Fingerprint (Virdi Compa	
П	Charlotte	336726	Active	Fingerprint		Fingerprint (Virdi Compa	
п	George	336742	Active	Fingerprint		Fingerprint (Virdi Compa	
	Mia	337510	Active	Card or Fingerprint	Supervision	(Fingerprint, Card	un u
ň	Oliver	337846	Active	Fingerprint		Fingerprint (Virdi Compa	tible)
Н	Amelie	337862	Active	Fingerprint	Supervision	Fingerprint (Virdi Compa	
	Charlie	370118	Active	Card	aspervision	Card (Card)	the second se
			ALC: VP	Caro		Larg (Card)	

Operator Management

Operators are personnel who can work with the software according to their level of access. The following image shows the operator management window.

Operator management is accessible through Definitions / Operator Management. It uses for search, add, edit, delete, Reset password, change status, unlock, and eliminate service logs.

	d Device Mana	gement									-		
nitions	Operations	Help											
erator N	lanagement 📰												
Add	Edit	Delete	Reset Password	Change Status	Unlock	Delete Service Logs							
) Seard	h By					Service solar							
First		P	hrase:				Condition:	Include this phr	ase ×				
Last	Name	P	hrase:				Condition:	Include this phr	ase 👻				
V] Is Not Locked	ł	✓ Activ	/e				Search	Reset				
earch R	tesults											н	lel
1	First Nam												
	First Nam	e	Last N	ame	U	sername		Status	Access Te	emplate	Access	Group	
	rits, nam	e	Last N	ame	U	sername		Status	Access T	emplate	Access	Group	

Software & Card Pattern Settings

Software settings include operator security, user-friendly, personnel security, service logs, and traffic.

Software Setting			>
Operator Security		Number of Search Result Items per Page	Help
Maximum Token Validity(min):	15 🚭	Traffic:	5000 🗘
User Lock Duration(minute)	17 🚭		
Reset Failed Login Counter(minute):	17 🚭	Device:	1000 👻
Maximum Number of Wrong Password :	17 🗘	Personnel :	1000 👻
Personnel Security		Delete Service Log By:	
Maximum Number of Wrong Password:	8 4	 Maximum Count: 	0.0
Lock Duration(min):	500 -0-		
Overwrite Failed Login Count (min):	16 🔨	Walidity Duration(day):	10 🕀
Online Traffics View Setting		Other	
Maximum Count of Presentable Traffic	100 🚭	Personnel overwrites the same personnel	vel code.
		Default Password:	Paliz123
Card Reader Format		Traffic Log Archive	
Desimal		Archive Traffic Before 90 🖨 Arch	tive Traffic Par
Hexdesimal			
6 Hexdesimal			
O Desimal 3.5		Restore to Default Save	Exit

Fingerprint Count :		~	Minimum Card Size : 1 H
Same Key For A sectors	Il Sectors		Help
Sector Number	Key Type		Key Value
1	key A	¥	FFFFFFFFFFF
2	key A	×	FFFFFFFFFFF
3	key A	×	FFFFFFFFFFF
4	key A	×	FFFFFFFFFFF
5	key A	¥	FFFFFFFFFFF
6	key A	×	FFFFFFFFFFF
7	key A	×	FFFFFFFFFFF
8	key A	~	FFFFFFFFFFF
9	key A	¥	FFFFFFFFFF

It is necessary for a predefined pattern to save fingerprint information in the card. The device stores fingerprint information on the card in accordance with the defined model.

Backup Management

This section is used to create a backup file from device console information and is accessible from the Operations / Management path.

The following image shows the backup management window. You can add, delete, setting, and restore settings in this window. Also, specify how to maintain a backup file through:

- The maximum number of backup file saved
- Backup file validity per day
- Automatic Schedule Backup

+ User and Device Ma	nagement	-	\times
Definitions Operations	Help		*
Backup Management			×
Add Delete	Setting Restore		
Files List (Help
	File Name		
	Save Cancel		

Application Relationship

Device console software allows other applications to be defined in the application and communicate with devices. Therefore, device log information is sent to these applications.

Transfer device information to other applications is accessible through the application/communication path.

The following image shows the connection with the application window. You can add, edit, delete, and refresh applications.



View Traffic

In this section, the device traffic search by personnel code and time duration.

The following image shows the traffic management window. This window is accessible from the Operations / Traffic Management path. Also, operations such as delete, export traffics, and export template can perform.

- Us	er and Device Man	agement								-		2
finit	ions Operations	Help										
ew 1	Traffics #											
Del	ete Delete All	Export	Export A		port							
n) 5	iearch By											
Dev		Grou	p Name: W	thout Gr	• quo		Device Name:	All				
_	P											
	Date	FO	om Date 13	98/0/1	*		To Date	1398/6/9				
Per	sonnel Code	Personn	el Code:					nly non transferred traf	fic			
Vali	dity Type	Valid	ty Type: Va	hd	~							
			1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -									
							[Search Reset				
<	Search Results (2829)(F	rom 0 To 282	9) 🕽	1						Help	
2	Personnel Code		Date	Time	-	Traffic Type	Custom Type	Identification Type	Validity Type	Data Transfer State	_	1
	7018659	Harry	1397/11/13	15:10	Unknown	General	0	Fingerprint	Valid	No		
	7019445	Olivia	1397/11/13	15:11	Unknown	General	0	Fingerprint	Valid	No		
	6097065	Jack	1397/11/14	12:10	Unknown	General	0	Fingerprint	Valid	No		
	406180	Isabella	1397/11/14	12:10	Unknown	General	0	Fingerprint	Valid	No		
	418161	Leo	1397/11/14	12:10	Unknown	General	0	Fingerprint	Valid	No		
	7046919	Henry	1397/11/14	12:11	Unknown	General	0	Fingerprint	Valid	No		
	7017866	Alice	1397/11/14	12:11	Unknown	General	0	Fingerprint	Valid	No		
-	6155219	Jacob	1397/11/14	12:12	Unknown	General	0	Fingerprint	Valid	No		
			1397/11/15	12:06	Unknown	General	0	Fingerprint	Valid	No		
	426750	George	139//11/13									
		George Mia	1397/11/15		Unknown	General	0	Fingerprint	Valid	No		



Import Traffic

In the device console software, it is possible to receive traffic information from the file and add traffic information to the database. Also, you can customize the traffic in the file.

e Type:	le traffics in the file	Y Court				Help
_		2	1.63	Traffic Type	Identification Type	

Transfer Traffic

In the device console software, it is possible to transfer traffic information from a particular database to another. You can see the list of databases that have been transferred the traffic information previously.



Advantages of Device Console Software

In the devices panel, all devices can be selected together. Also, the personnel data can delete generally.

In the devices panel, you can receive all the personnel data together.

In the devices panel, the total number of personnel, the total number of traffic, and the total number of unsent traffic in each device are evident.

Grouping is possible for devices. When personnel is receiving from the device, the related group is assigned to them, and no further grouping is required.

The End

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