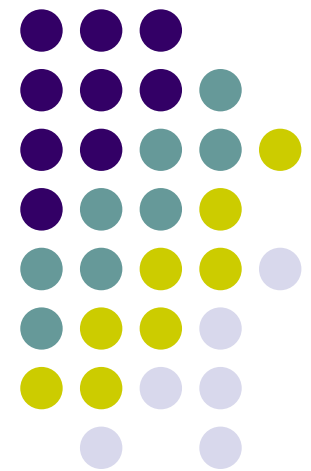




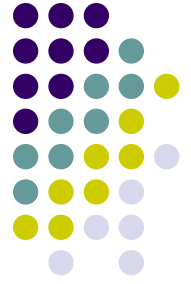
# ACTAtek™ Product Presentation

ACTAtek Biometric  
Attendance & Security  
System:





# Company Profile



- Top Manufacturer of Biometric Systems since 2001.
- Has over 500+ active partners around the world.
- World's First Embedded Web Server Biometric System.
- World First IP 65 rated Biometric Access Control System
- R&D supported by EDB, Singapore and Warwick University, UK.
- Has Support office in UK, US, Canada, Singapore and Hong Kong.
- Won Multiple Awards in Biometric and Security in US and Around the world.

**Biometrics**, The  
use of physiological  
or behavioral  
characteristics to  
determine  
or verify an  
individual's identity





# Company Mission



- To be a global leader in network RFID and biometric products
- To provide the industry with secure, innovative and technological advanced systems.
- To offer impeccable customer service & support.
- To design and develop simple to install, easy to maintain, and user friendly Internet Appliances.

**Biometrics**, The  
use of physiological  
or behavioral  
characteristics to  
determine  
or verify an  
individual's identity



# Why Biometric Access Control ?



- Password, Card Access and Keys are Cumbersome and prone to misuse.
- Biometric Access Control has become affordable and have 99.99% Authentication Accuracy.
- Security is increased through logged events of Access Entry and Exit of Individual.
- Usage of Biometric Access Control increase Corporate Image of company.
- Biometric can be Cost Saving.
- Prevent Buddy Punching.

*Biometrics, The use of physiological or behavioral characteristics to determine or verify an individual's identity*



# Awards Overview



## Recent Awards for ACTatek

- Jun 2005 - **BiometriTech Product of the Year 2004**, New York
- Oct 2005 – Security Solution New Product of the Year 2005, USA
- Nov 2005 - SC Awards 2006 **Best of Biometric Device** of USA
- May 2006 - Finalist of AeA High-Tech Innovation Awards – USA
- February 2007 - Info Security “**Hot Companies**” winners –USA
- Apr 2007 - Finalist of AeA High-Tech Innovation Awards – USA

*Biometrics, The use of physiological or behavioral characteristics to determine or verify an individual's identity*



# Customer's References

With @20,000 worldwide installations including

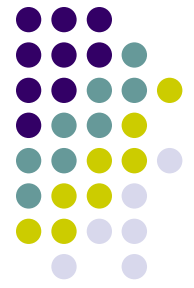
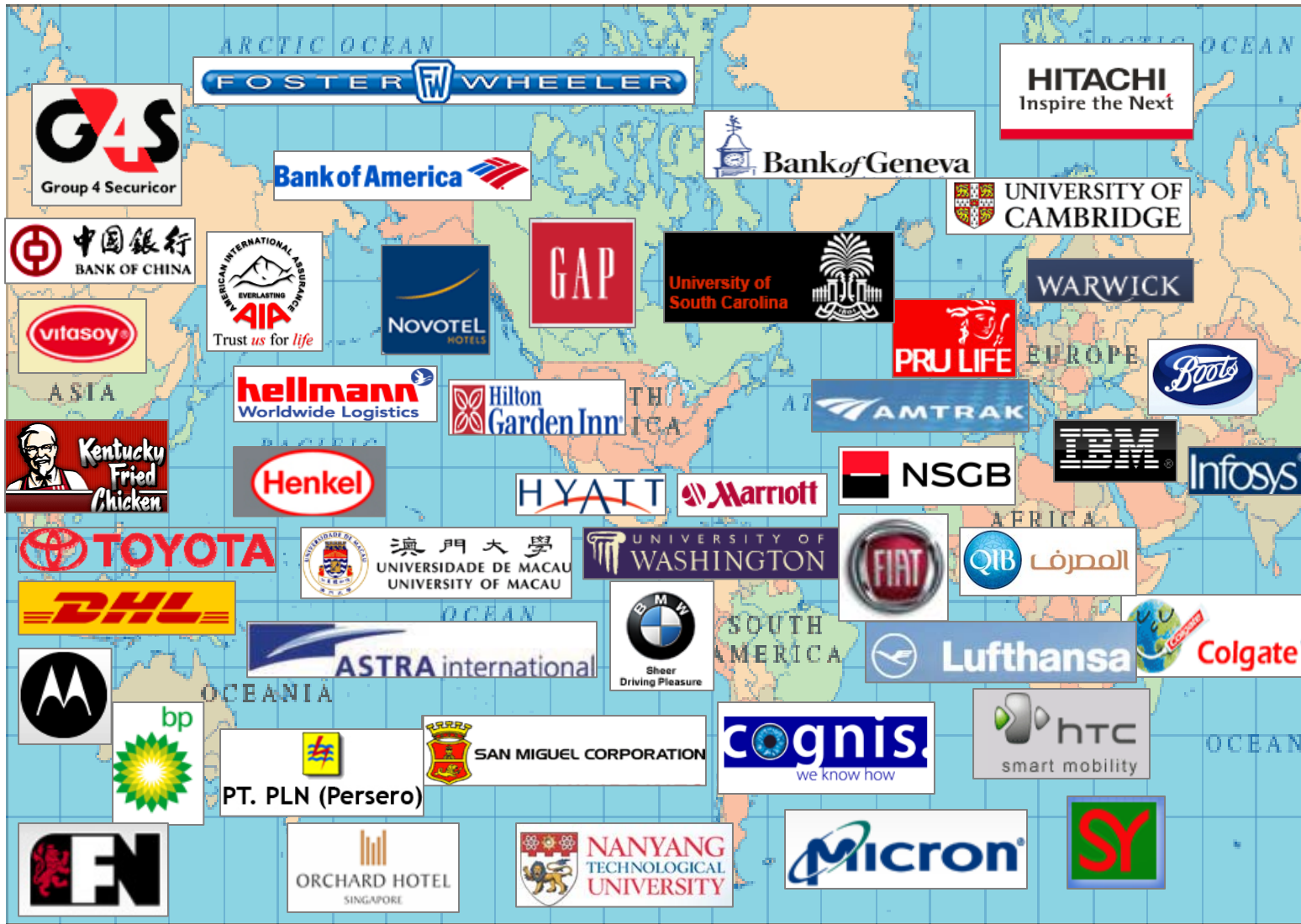
- **WorldWide:** IBM, Fiat, Coca-Cola, BMW, Bangkok High Way Toll-Road Management, University of Cambridge, British Petroleum, KFC, Macau, Hong Kong, Qatar, Indonesia, Malaysia and other Governments, Toyota, North Shore Bank USA, Motorola, Hyatt Hotel, PCCW; Societe Generale Bank
- **Singapore:** Orchard Hotel; Sinco; DHL; Motorola; Bukit Panjang High School; Amara Hotel; Chinese Oversea bank of Singapore; BHG; Jurong Point Management Office; Ling Kwang Home; Ministry of Home Affairs-Prison Department; Presbyterian High School; United Central; Mango System; Nanyang Technological University; Foster Wheeler

**Biometrics**, The use of physiological or behavioral characteristics to determine or verify an individual's identity



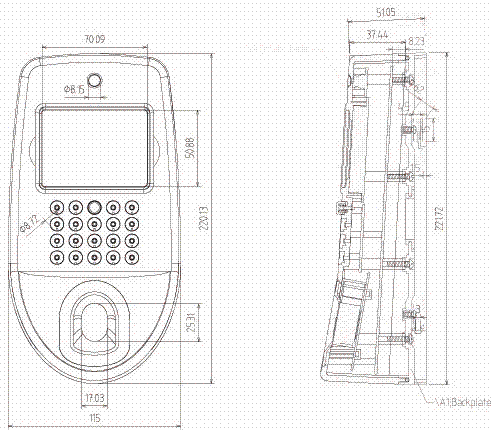
# Project Reference

25000 installations worldwide in 100 over countries

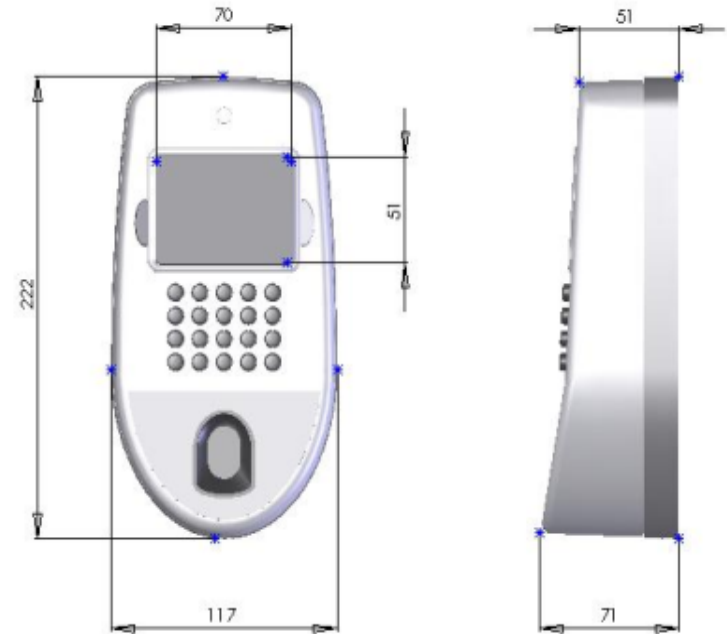
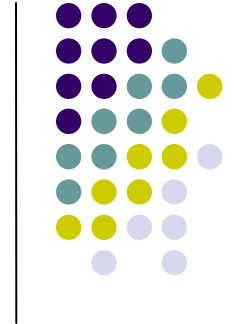


*Biometrics, The use of physiological or behavioral characteristics to determine or verify an individual's identity*





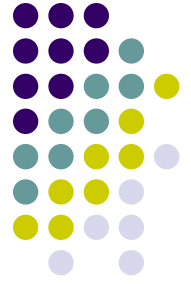
# ACTatek Product Overview



Muhammad Saifur Rahman Paul  
Account Manager



# Product Overview



- **SSL-Protected Web based administration** using any internet web browser.

http://192.168.0.251:8080/admin.html

File Edit View Favorites Tools Help

Google  Go

ACTAtek - Hartrix Ltd.

# ACTAtek

The worldwide leader in Web based technologies.

**Terminal**

- Log Off
- Terminal Status

**User Administration**

- Attendance Report
- Daily Report
- View Event Log
- Add Event Log
- View User List
- Add New User
- Departments
- User Messages

**Access Control**

- Access Groups
- Triggers
- Holidays Setting

**Terminal Settings**

- Terminal Setup
- Primary/Secondary Setup
- Terminal List
- Door Open Schedule
- Bell Schedule
- Connection Profile
- Smartcard Key Setup
- Terminal Clock
- External Devices

**Terminal**

**Search Options**

User  ID

Period  From  To

Time  This Month  or  2007  10

Department  Event

Others

Fill in the form to filter the report, or leave it blank for a full report

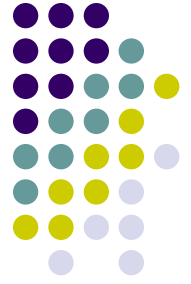
Event 1-15 of 15

	User ID	Name	Department	Date Time	Event			
1	<a href="#">1</a>	--	General	2007/10/22 14:32:53	OUT	ACTAtek		Logged
2	<a href="#">1</a>		General	2007/10/22 14:32:50	IN	ACTAtek	<a href="#">View Image</a>	
3	<a href="#">1</a>	--	General	2007/10/22 14:32:09	OUT	ACTAtek		Logged
4	<a href="#">1</a>		General	2007/10/22 14:32:05	IN	ACTAtek	<a href="#">View Image</a>	
5	<a href="#">2</a>	--	Sales	2007/10/22 14:31:23	OUT	ACTAtek		
6	<a href="#">3</a>	--	--	2007/10/22 14:30:43	IN	ACTAtek		Logged
7	<a href="#">3</a>	--	--	2007/10/22 14:30:39	REJECTED	ACTAtek	<a href="#">View Image</a>	
8	<a href="#">3</a>	--	--	2007/10/22 14:29:32	OUT	ACTAtek		Logged
9	<a href="#">3</a>	--	--	2007/10/22 14:29:27	IN	ACTAtek		
10	Unknown User	--	--	2007/10/22 14:29:10	REJECTED	ACTAtek		Logged from e

1 - Windows Internet Explorer

about:blank

Internet 100%



# Product Overview

- **SSL-Protected Web based administration** using any internet web browser.
- **Real-time tracking employee attendance** records, irrespective of geographic locations for disaster management



### Staff room #1

Doctor or nurse or administrative staff accesses the device by presenting the staff card (contactless smart card) and (or) fingerprint.



Once the person is verified and the punch is recorded in the device, the system will trigger to release the strike and open the door. System will ensure keys are no longer needed to access doors at any given time of day.

Attendance information can either be stored on the device or downloaded on to the PC in text or excel formats. Information can then be used for payroll or other purposes.



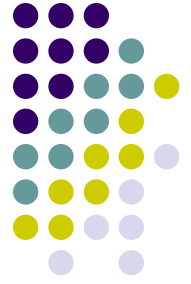
### PC / Web browser



Manager / CEO checks the attendance records of staff through any web browser on any computer with internet access.

### Staff room #2



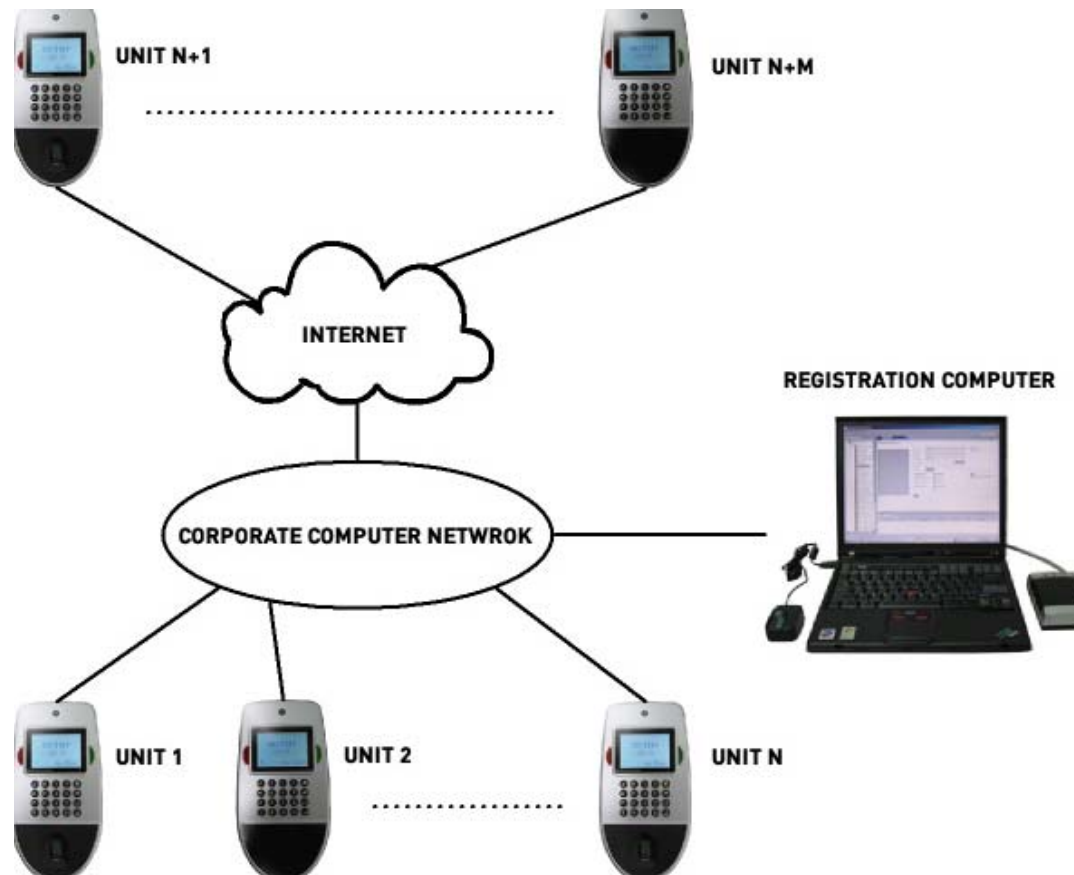


# Product Overview

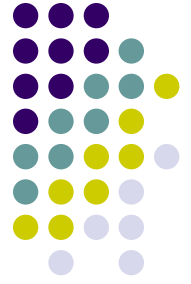
- **SSL-Protected Web based administration** using any internet web browser.
- **Real-time tracking employee attendance** records, irrespective of geographic locations for disaster management
- **Network enabled** for scalable multiple unit deployments



# Scalable Deployments



- Intelligent primary/secondary distributed system SAVES tremendous costs with comparison to dedicated systems with no expansion capabilities
- Users can register on 1 unit and they able to authenticate on other units.



# Product Overview

- **SSL-Protected Web based administration** using any internet web browser.
- **Real-time tracking employee attendance** records, irrespective of geographic locations for disaster management
- **Network enabled** for scalable multiple unit deployments
- Added security option with **built-in CMOS camera**



# CMOS Camera



- Camera Snapshots allows added security and prevents Buddy Punching.

ACTATESERVER: HECTRIX LTD

File Edit Tools Window Help

User Details

**User Photo**

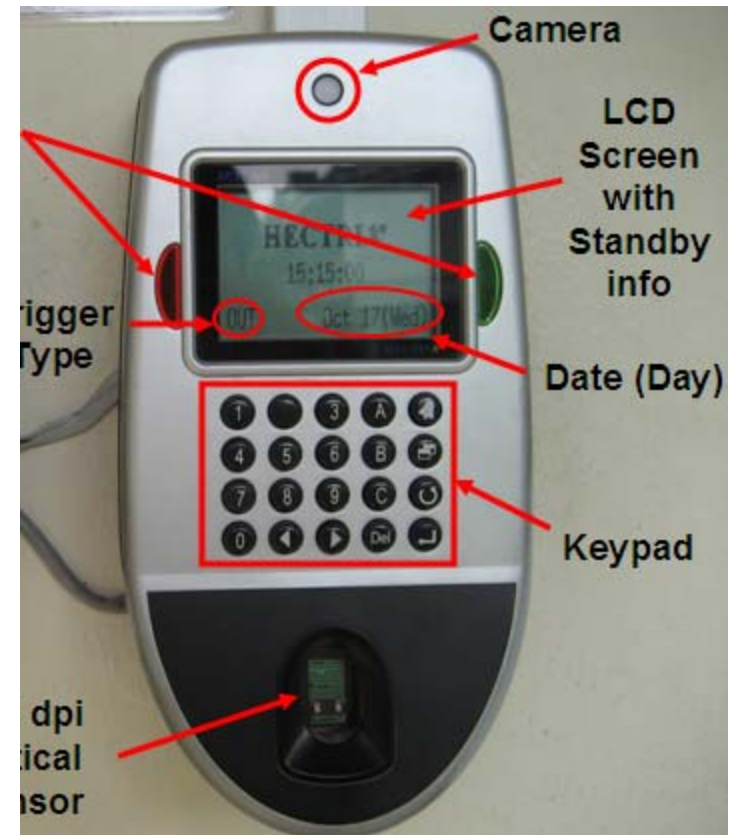
**User Information**

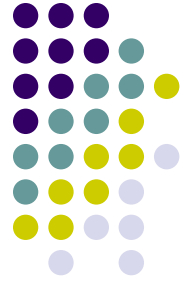
Name:  
Other name:  
User ID: A1  
Department: General  
Timestamp: 2007-10-11 22:23:39 567  
Event: IN  
Terminal: 192.168.0.100

**Camera Snapshot**

Realtime Log Viewer Find Log

From:	Item	User ID	Name	Depart...	Date	Time	Trigger	Terminal
10-08-07	18	1	---	---	2007-10-09	01:10:26	IN	Termin...
	19	1	---	---	2007-10-09	02:00:57	IN	Termin...
	20	1	---	---	2007-10-09	02:01:42	IN	Termin...
	21	1	---	---	2007-10-09	02:01:50	IN	Termin...
	22	1	---	---	2007-10-09	18:12:57	IN	Termin...
	23	A1	General	General	2007-10-11	22:16:45	IN	192.1...
	24	A1	General	General	2007-10-11	22:23:20	IN	192.1...
	25	A1	General	General	2007-10-11	22:23:31	IN	192.1...
	26	A1	General	General	2007-10-11	22:23:35	IN	192.1...



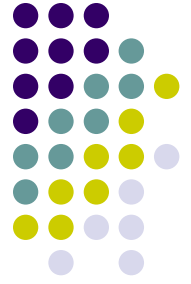


# Product Overview

- **SSL-Protected Web based administration** using any internet web browser.
- **Real-time tracking employee attendance** records, irrespective of geographic locations for disaster management
- **Network enabled** for scalable multiple unit deployments
- Added security option with **built-in CMOS camera**
- **IP65 Impact resistant, water & dust proof casing** suitable for outdoor installation.

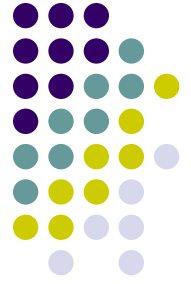


# IP65 Casing



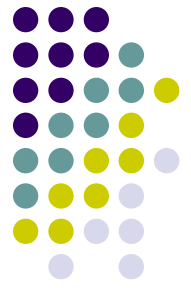
- IP65 casing that is water and impact resistant allows outdoor installation.





# Product Overview

- **SSL-Protected Web based administration** using any internet web browser.
- **Real-time tracking employee attendance** records, irrespective of geographic locations for disaster management
- **Network enabled** for scalable multiple unit deployments
- Added security option with **built-in CMOS camera**
- **IP65 Impact resistant, water & dust proof casing** suitable for outdoor installation.
- **3-way authentication** with biometric fingerprint, smart card (HID, Legic, Mifare, EM, barcode and contact smart cards) & PIN with built-in CMOS camera!



# All Major Cards System



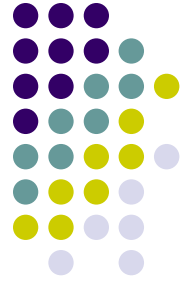
 EM MICROELECTRONIC - MARIN SA

**LEGIC**  
innovation in ID technology

**MIFARE.net**

**Felica**

**HID**



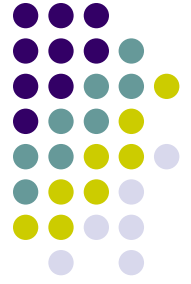
# Product Overview

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- **3-way authentication** with biometric fingerprint, smart card (HID, Legic, Mifare, EM, barcode and contact smart cards) & PIN with built-in CMOS camera!
- Supported to be access by PDA Phones.



# Accessible through PDA



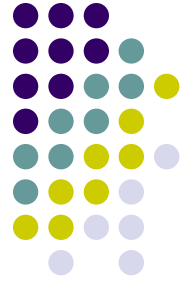


# Product Overview

- **SSL-Protected Web based administration** using any internet web browser.
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- Added security option with **built-in CMOS camera**
- **IP65 Impact resistant, water & dust proof casing** suitable for outdoor installation.
- **3-way authentication** with biometric fingerprint, smart card (HID, Legic, Mifare, EM, barcode and contact smart cards) & PIN with built-in CMOS camera!
- Supported to be access by PDA Phones.
- IP Based system that is plug and play and ease to use.



# Product Demonstration

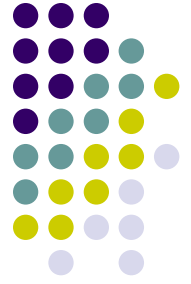


- ACTAtek Biometric Control Access
- ACTAtek Time Attendance System

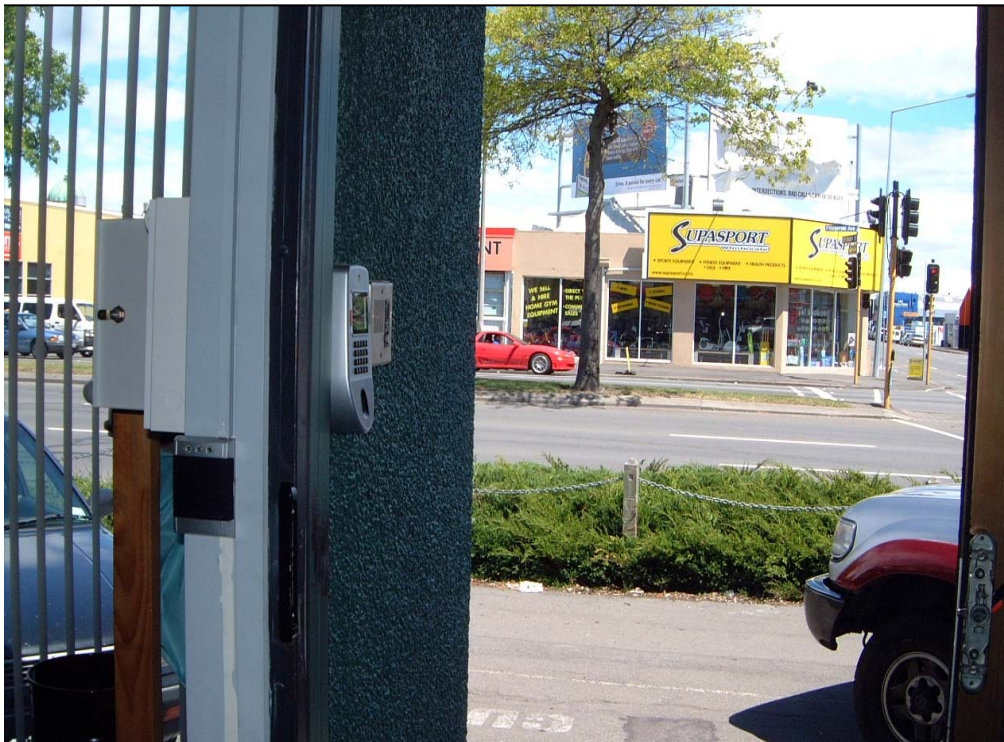




# Installations and Examples



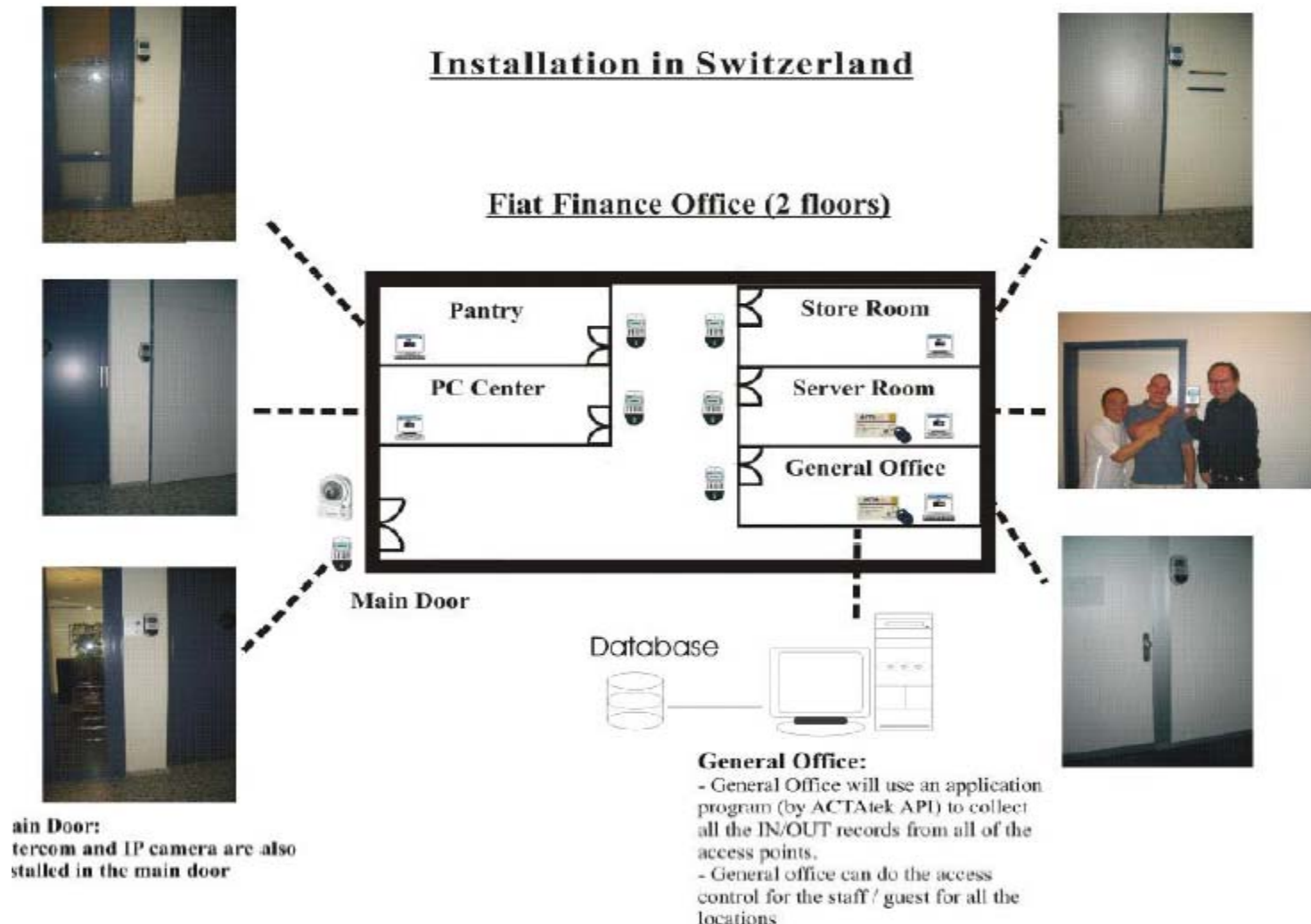
- Examples of Installation sites and implementation

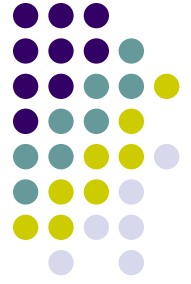


Installation in New Zealand



# Installation in Fiat, Switzerland



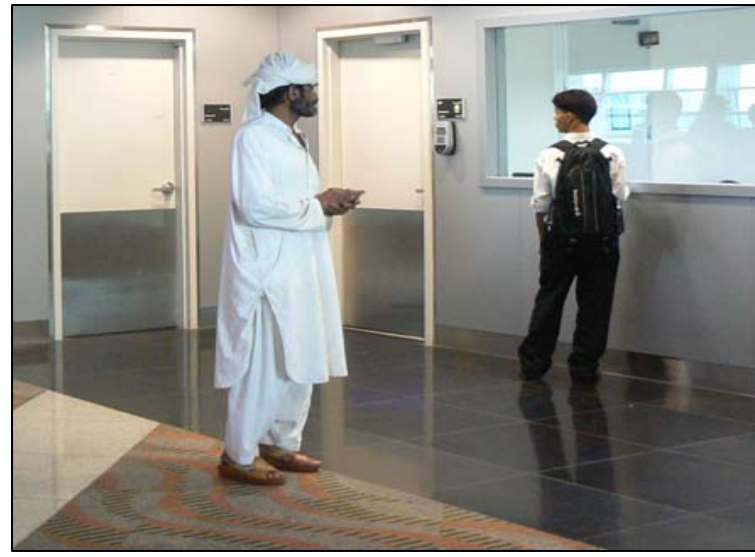


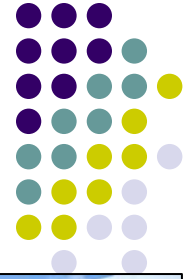
# Installation in Indonesia Parliament



20+ units installed in Indonesia Parliament. Used for Time Attendance System for workers.

# Installation in Dubai Airport, UAE





# CAPCO Oil Refinery in Taiwan

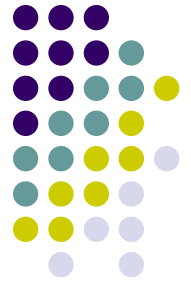




# Installation in a clinic in US



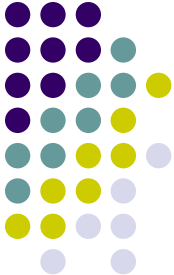
# Installation in Orchard Hotel, Singapore



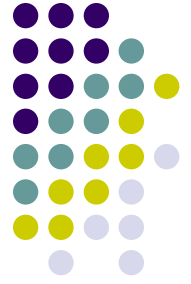
Installed 23 units for 1000+ workers. Used for Duty Rostering and Time Attendance.

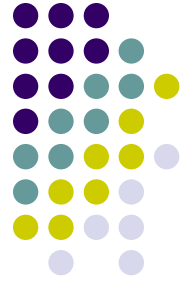


# Installation in Melaka Government City Council



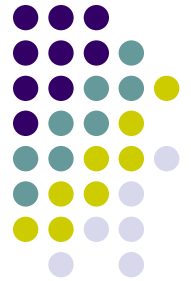
# Installation in Schools, Singapore





# **Solutions integrated with ACTAtek**

# SME Time Attendance & Payroll Solutions



WELCOME TO SMEPAYROLL SECURE LOGIN PAGE

SMEPAYROLL is a very powerful, yet simple-to-use Payroll system. With it's enhanced features SMEPAYROLL is the best available payroll software to process your own payroll in-house.

**COMPANY INFORMATION**

Brief company information can be added here as well as any message for your company employees can also be included here. Below you can include company logo.

**USER NAME:**

**PASSWORD:**

**COMPANY:**

**LATEST NEWS**

**HEADER**

Company has a provision to Add any news information that they would like to display to there employees.


Or any important Information can be displayed here.

Login Information Required to access the secure resource

- Unlimited employee details, Unlimited employee details, department, section & category settings.
- Pay slip with Break up details
- Leave Module
- CPF, IR8A
- Web based system.

# SME Payroll Solutions



 Password detail



### Employees On Leave in Next 30 days

Name	Start Date	End Date	Leave Type
Derik Ford	05/05/2008	09/05/2008	Annual Leave

[...More](#)



### Manage Pending leaves information

Name	Type	FromDate	ToDate
CHUA AH HUAT Tan	Annual Leave	20/05/2008	20/05/2008

[...More](#)



### Emp Pass Expiring in Next 30 days

Name	WP NO	Type	Exp Date
CHUA AH HUAT Tan	S7361391D	SC	06/05/2008

[...More](#)



### Passport Expiring in Next 30 days

Name	PP NO	Exp Date
No records to display.		

[...More](#)



### CSOC Expiring in Next 30 days

Name	CSOC NO	Exp Date
No records to display.		

[...More](#)



### Insurance Expiring in Next 30 days

Name	Insurance NO	Exp Date
No records to display.		

[...More](#)

# School Time Attendance System



**Bukit Panjang Govt High**

Summary Report  
Date : 26 September 2007, Wednesday

Login as : s7818617h

Select a Date

Whole School

Individual Class

101	102	103	104
105	106	1A	1B
1C	201	202	203
204	205	206	207
2A	2B	2C	3A
3B	3C	3L1	3M1
3P1	3P2	3P3	3T1
3T2	4A	4B	4C
4L1	4M1	4P1	4P2
4P3	4T1	4T2	5A

Class	Total	Present	Late In/Early Out	Absent
101	39	39	0	0
102	40	40	0	0
103	39	37	0	2
104	40	39	0	1
105	40	40	0	0
106	39	39	0	0
1A	41	41	0	0
1B	40	39	0	1
1C	40	38	0	2
201	40	38	1	2
202	39	39	0	0
203	37	36	0	1
204	39	39	1	0
205	39	39	0	0
206	37	36	1	1
207	36	36	2	0
2A	40	39	0	1
2B	39	37	2	2
2C	36	33	0	3
3A	45	45	0	0
3B	44	43	0	1
3C	38	37	0	1
3L1	42	42	0	0
3M1	41	39	0	2
3P1	38	37	0	1
3P2	41	41	0	0
3P3	39	36	0	3
3T1	43	42	0	1
3T2	42	40	0	2
4A	39	38	0	1
4B	44	39	0	5
4C	32	31	1	1

With ACTAtek, its the only possible solution in Singapore that can penetrate the Time and Attendance in school. Most brand has failed in demanding TA in schools.



# School Time Attendance System



**BPGHS iFINS Main Menu**

login as : edward

ID

Name

Select Class

(mouse over the student to see NRIC)  
Class : 102 Records : 40

- 1 Charmaine Tan Jian Min F
- 2 Chen Jiaqi F
- 3 Chua Celeste F
- 4 Claudia Hau Xin Pei F
- 5 Delphine Poh Wan Ching F
- 6 Eileen Ng Wan Leng F
- 7 Elaine Oh Jie Yi F
- 8 Lim Qing Yu Michelle F
- 9 Ling Gigi F
- 10 Low Wei-ting Rachelle F
- 11 Mariana Bte Mohd Ahzhar F
- 12 Ng Wei Xuan F
- 13 Ng Yun Xuan Sherye F
- 14 Nur Aida Bte Mos F
- 15 Nur Farhanah Bte Abdul Rahman F
- 16 Nurul Syahirah Bte Abdul P F

## Student Report

Class: 102  
Student : 9513990, LENNELL LEE (M)

Showing entries with issues only

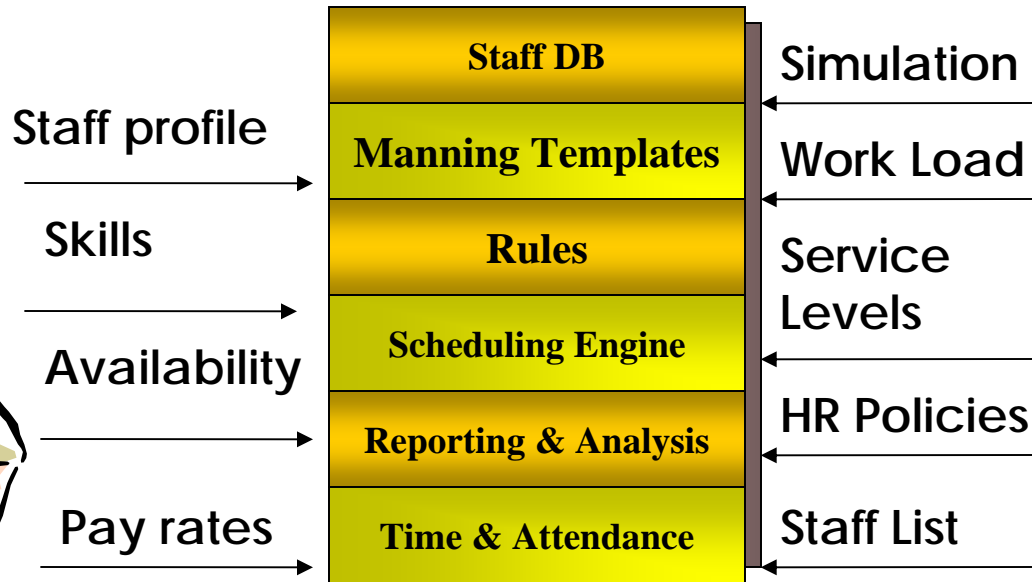
Date	Time Entries	
2008-05-14, Wed		Absent
2008-05-13, Tue		Absent
2008-05-12, Mon		Absent
2008-05-06, Tue	IN - 06:13:05  OUT - 09:22:26	
2008-05-05, Mon	IN - 06:14:47  IN - 10:22:11  OUT - 10:22:23	
2008-04-30, Wed	IN - 06:17:19  OUT - 11:58:49	
2008-04-29, Tue	IN - 06:18:00  IN - 10:18:05  OUT - 10:18:17	
2008-04-18, Fri		Absent
2008-04-04, Fri		Absent
2008-03-28, Fri		Absent
2008-03-27, Thu	OUT - 13:42:41	
2008-03-25, Tue		Absent
2008-02-27, Wed		Absent
2008-01-29, Tue	IN - 06:23:17  IN - 06:23:17  IN - 10:51:46  IN - 10:51:46  OUT - 10:52:38  OUT - 10:52:38	
2008-01-16, Wed		Absent
2008-01-15, Tue		Absent

http://203.117.10.180...

http://203.117.10.180/fscan/view\_photo.p...

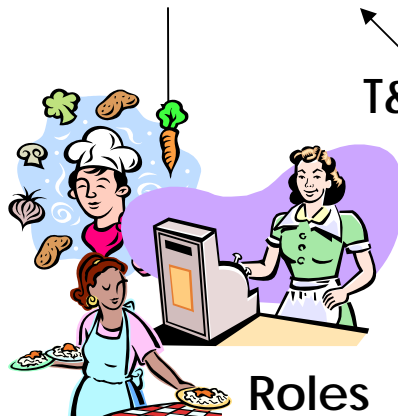
Internet 100%

# Hospitality solutions with ACTatek



**WINCOR  
NIXDORF**

Roster  
Details



Roles

T&A Details



'Thumb-in/out'



- Daily projections are input at the roster header which will auto-compute the manpower required.



Roster Manpower Summary Gantt Manning Required Operation Hours

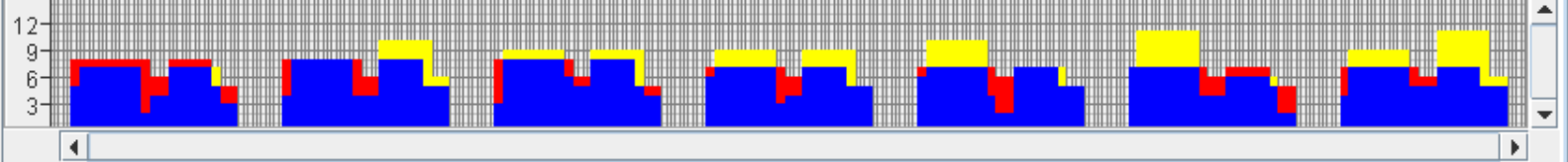
Date	Hotel ID	8 Oct 2007	9 Oct 2007	10 Oct 2007	11 Oct 2007	12 Oct 2007	13 Oct 2007	14 Oct 2007
Day		Mon	Tue	Wed	Thu	Fri	Sat	Sun
Covers		100	90	100	75	80	70	80
Labour Cost		\$1,321.08	\$1,299.85	\$1,299.85	\$1,219.08	\$1,299.85	\$1,232.62	\$1,465.23
<b>FULL-TIMERS</b>								
<b>Manager</b>								
Rafiq	X8001	5pm - 1am	3pm - 11pm	3pm - 11pm	5pm - 1am	5pm - 1am	RD	3pm - 11pm
Shandy	98373	6am - 2pm	7am - 3pm	AL	7am - 3pm	7am - 3pm	7am - 3pm	5pm - 1am
<b>Supervisor</b>								
Kenny	99133	7am - 3pm	5pm - 1am	7am - 3pm	6am - 2pm	RD	6am - 2pm	5pm - 1am
Raja	98657	3pm - 11pm	7am - 3pm	3pm - 11pm	RD	7am - 3pm	7am - 3pm	7am - 3pm
<b>Captain</b>								
Afrika	0835	7am - 3pm	6am - 2pm	6am - 2pm	5pm - 1am	6am - 2pm	RD	7am - 3pm
Angie	8679	3pm - 11pm	7am - 3pm	7am - 3pm	RD	7am - 3pm	6am - 2pm	5pm - 1am
Gerald	9027	5pm - 1am	3pm - 11pm	RD	7am - 3pm	3pm - 11pm	5pm - 1am	3pm - 11pm
John	8896	6am - 2pm	RD	5pm - 1am	3pm - 11pm	5pm - 1am	3pm - 11pm	AL
Lewis	8670	RD	5pm - 1am	7am - 3pm	6am - 2pm	SL	7am - 3pm	5pm - 1am
Rick	8656	AL	AL	3pm - 11pm	5pm - 1am	RD	6am - 2pm	7am - 3pm
<b>Cashier</b>								
Tina	8875	6am - 2pm	6am - 2pm	6am - 2pm	RD	6am - 2pm	6am - 2pm	6am - 2pm
<b>Hostess</b>								
Ain	X8002	6am - 2pm	6am - 2pm	RD	6am - 2pm	6am - 2pm	3pm - 11pm	5pm - 1am
Grace	9151	3pm - 11pm	RD	7am - 3pm	3pm - 11pm	3pm - 11pm	7am - 3pm	3pm - 11pm
<b>Server</b>								
Kelvin	X8005	RD	7am - 3pm	7am - 3pm	6am - 2pm	3pm - 11pm	6am - 2pm	6am - 2pm
Linda	X8003	7am - 3pm	RD	6am - 2pm	5pm - 1am	5pm - 1am	3pm - 11pm	3pm - 11pm
Samuel	X8004	5pm - 1am	5pm - 1am	RD	3pm - 11pm	6am - 2pm	5pm - 1am	5pm - 1am
Xiao Xiao	9150	3pm - 11pm	3pm - 11pm	5pm - 1am	RD	7am - 3pm	6am - 2pm	7am - 3pm



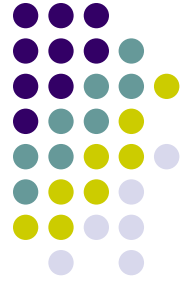
Already at maximum view

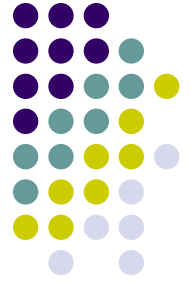
Staff : 29	Mon 08 Oct	Tue 09 Oct	Wed 10 Oct	Thu 11 Oct	Fri 12 Oct	Sat 13 Oct	Sun 14 Oct	Mo
Tina	Work	Work	Work	RD	Work	Work	Work	
Ain	Work	Work	RD	Work	Work	Work	Work	
Shandy	Work	Work	AL	Work	Work	Work	Work	
James	Work	Work	Work	Work	Work	Work	RD	
Henry	Work	Work	Work	Work	Work	RD	Work	
Kenny	Work	Work	Work	Work	RD	Work	Work	
Linda	Work	RD	Work	Work	Work	Work	Work	
Eva	Work	Work	Work	Work	RD	Work	Work	
Raja	Work	Work	Work	RD	Work	Work	Work	
Xiao Xiao	Work	Work	Work	RD	Work	Work	Work	
Grace	Work	RD	Work	Work	Work	Work	Work	
Rafiq	Work	Work	Work	Work	Work	RD	Work	
David	Work	Work	Work	Work	Work	RD	Work	
Samuel	Work	Work	RD	Work	Work	Work	Work	
Afrika	AL	Work	Work	Work	Work	RD	Work	
Kelvin	RD	Work	Work	Work	Work	Work	Work	
Angie	AL	Work	Work	RD	Work	Work	Work	

- Coffee House
- Variable Manning



# Solutions for ACTatek Mobile





Thanks