





Burak Tüzün

The barcode automation systems were relatively new technologies which are of great importance in both industrial and manufacturing areas and daily life all over the world when UTARIT began to operate in the sector in 1995.

This point reached by software and hardware engineering in AI /DC (Automatic Identification / Data Collection) as with all other fields is progressing very rapidly since 1995 . Utarit has moved this rapid process to these days with its qualified human resources, knowledge and reference of its corporate customers to whom it offered service to date.

Taking into account the short history in which IT sector started to spread around the world, Utarit's long-standing and successful steps in this regard draw attention instantly. In the course of time, the confidence of corporate brands to which service is offered has further increased Utarit's responsibility and placed it in the position allowing it to compete with itself.

Utarit does not limit its customers' expectations with the system in its portfolio, and carries out R&D studies in order to develop new application containing the latest technology on AI / DC and shares its information with its customers for enhancing the productivity in the businesses.

The productivity enhancement and sustainability of service constitute one of the important differences of Utarit. In Utarit having all domestic capital and labor, the specialized software, hardware, R&D, electronic engineers and application consultants and software/hardware service and support officials serve in relation to IT.

Utarit, of which production, R&D and service quality standards are documented with ISO 9001:2008, OHSAS 18001:2007 and TS-12162, TS-12498, TS-12963, TS-13149 Service adequacy certificates, bears the responsibility of being one of the major brands in IT sector with its studies that always follow the developments in the world and more importantly raise the bar in its field.





The rapidly developing world and rapidly growing population are forcing institutions and organizations to reach accurate information at the right time

Our Solution Areas

Campuses
Technoparks
Factories and manufacturing plants
Hospitals
Official institutions
Military establishments
Stadiums
Businesses operating with membership system



University of Kocaeli

Solutions

Access Control System
Scoring Control System
Visitor Tracking System
Refectory Control System
Parking Control System
Library Control System
Stadium Control System
Production Tracking System
Asset Tracking System
Dormitory Monitoring System
Card Printing and Personalization System
Membership Tracking System
Livestock Tracking System



MAN

Integrated Solutions

Campus Card (Solidus)
Personnel Attendance Control System (Persolus))



Yildiz Technical University

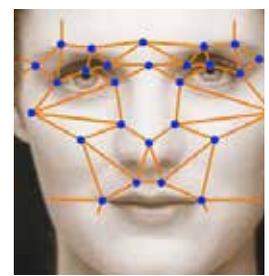
Access Control System



6

RTÜK (Radio and Television Supreme Council)

allows the
controlled
management of
all entry and
exit points





“**Access Control Systems**” are now inevitable requirement in larger buildings and the business and campuses having crowded staff.

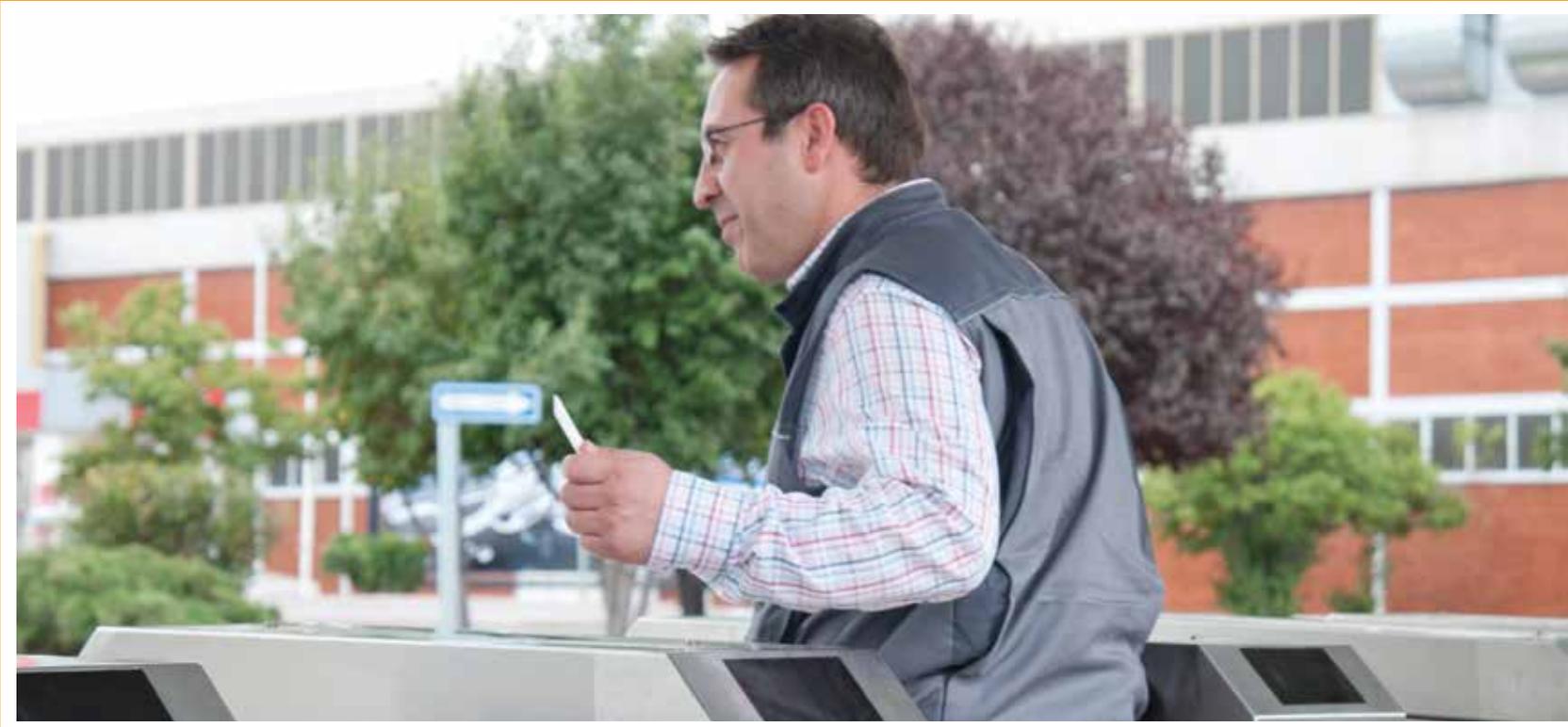
The business safety is also taken under control as well as persons who enter and exit are monitored and controlled through this system

Only authorized persons can enter and exit the area where the system is installed

The card and biometric devices can be used in the system. It is possible to integrate the system with a physical barrier (turnstile, barrier, elevator, sliding door, magnetic lock, etc.) .



Scoring Control System



8

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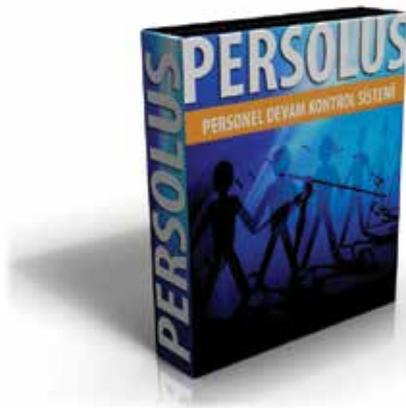
creates a
monthly score consti-
ting the basis
for payroll,
transfers it to
payroll
programs automatically



PERSOLUS; is able to be operated as a continuation of Access Control System or for receiving the score. Depending on personel's entry and exit, it serves all the titles such as attendance control, attendance durations, overtime, leave, daily, weekly, monthly score, balancing, compensatory work, direct and indirect labor and time added to production.

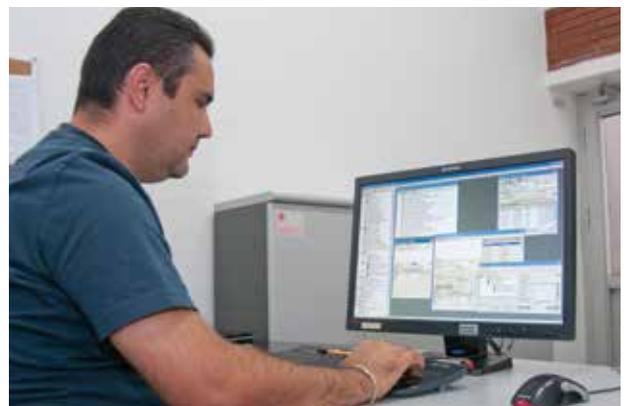


TRT (Turkish Radio and Television Association), Ankara



The monthly score constituting the basis for payroll is able to be transferred automatically to all payroll programs. The annual leave balances can be monitored thanks to “*Annual Leave Module*” as well as the main functions. The personnel information is recorded thanks to “*Personnel Information Module*”.

The departments, directorates and heads of department can only monitor the personnel within their own body thanks to its web-based feature.



Visitor Tracking System

10



TRT (Turkish Radio and Television Association)

It is a module by which persons who enter and exit the institution where system is located are monitored. An inspection can be conducted through device or manually thanks to special cards given to visitors.

The entries and exits for visit purposes can be monitored. It records date and time of visitor's entries and exits, person visited by visitor and staying duration.



It becomes your
company's
eyes and
ears



RTÜK (Radio and Television Supreme Council)

A classification can be made with different types of card for different types of visitors. The checking and adjusting of card reader terminals is extremely practical through easy access menus of the communications program.

Program is capable of reporting in a time interval set according to visitor's company, name or person's identity visited by visitor.

The system can list all visitors momentarily.



Refectory Control System



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presents monthly
summary report
without
counting
trays and
plates



The purpose of the system is to present the staff's number and summary of eating in total, in days, in person or unit. This system is very convenient especially in the firms which have subcontracted-refectory operated in order to reach the number of meals accurately and rapidly.



TRT (Turkish Radio and Television Association) Ankara

Different pricing can be made through additional modules of the system depending on the statute (student, academic member, guest, trainee, etc.) and number of eating.



Parking Control System



14

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allows
the access
of
authorized
vehicles
only





It is a high security barrier control system developed for parking. Thanks to labels or cards mounted on the vehicles, it allows vehicles to enter and exit the parking area rapidly and safely.

It can be determined through Parking Barrier Control System which vehicle can pass through which barrier. It can also be adjusted what times vehicles can pass through the barrier. If vehicle approaching the barrier is authorized, the barrier is opened without stopping the vehicle. Thus, comfortable and safe access would be ensured.

In the case the driver is given a RFID tag or card, it can be checked whether authorized person arrives with the right vehicle. Optionally, vehicle can be photographed in all entry and exists by integrating camera into the system. The security officer is shown a vehicle photo previously taken side by side with snapshot. All entry and exists are recorded together with vehicle photo.



RFID Library Tracking System



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researches would
be free,
books
would be
in safe



Library Control System allows tracking of materials such as books, magazines and so on thanks to RF/ID technology. It provides facilities such as taking stock of said materials reliably and quickly, labelling and tracking and associating of movements in entry - exits of the library.



RF/ID Library Tracking System has higher qualifications and technology compared to barcode and security systems.

This system provides the following in order to reduce the total cost of the service in the libraries;

- Coding and printing of RF/ID labels
- Circulation and retrieval,
- Control of books come through the door without permission
- Mobile book counting
- Searching and finding book
- Control of shelves
- Automation software integration of the library.



Stadium Control System

The purpose of the system in accordance with UEFA criteria and TFF regulations is to prevent ticketless accesses and take control of the stadium accesses by completely eliminating the human factor and initiatives.

Through the system; the barcodes on tickets specially issued for each match and single use only are being encrypted and printed and they are being prevented against reproduction by others and same ticket is precluded to be valid in another matches.

It is a system that can be integrated into ticket sales companies and banks agreed by club.



clubs are
peaceful,
audiences are
happy





Avni Aker Stadium in Trabzon

It is displayed in the screen and added to data-base through which door audience come out after audience passed through by swiping the ticket and being authorized by the system. It is also controlled whether audience sits in the right tribune, whether ticket is used before, whether it belongs to the right week and whether membership duration expires.

The stadium terminals and server communicate independently via the network. Thanks to its global antipassback feature; in the case communication of the stadium terminals with server is interrupted, the terminals control the tickets by communicating among themselves.



Production Tracking System



controls
every
stage
of
production



Production Tracking System was developed with the goal of monitoring production processes momentarily and analysing and enhancing the productivity. It works based on the principle of collection of data from the production area through terminals connected to production machines. The information is transferred to the customer database whereby workers input data into the terminals. Subsequently; instant tracking and reporting is done with special software developed depending on the customer expectations.



- It is most effective solution for determining at which stage order (lots) is present in the production line.
- It calculates the processes spent at production stages and allows determination of points of clogging.
- It allows the calculation of the labor productivity by reporting which worker works and how efficiently.
- It performs productivity tracking of the machines.
- It automatically reports the situations in which production time exceeded and allows the investigation of the causes.
- Net results emerge in relation to production delivery date.



Asset Tracking System



You can easily
track
your
assets





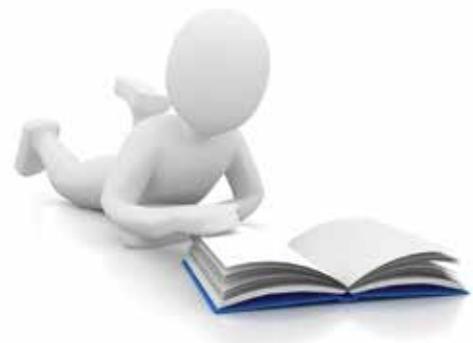
- It can perform real-time asset management and tracking,
- It can perform fast and efficient counting of all assets through RF/ID handheld terminal,
- The sought assets can easily be reached through RF/ID handheld terminal,
- Real-time asset list can be made according to person debit,
- Assets can be prevented to be taken out of the building or to be replaced,
- Authorization based on personnel can be made ,
- Integration with ERP can be ensured,
- The assets in inventory can be classified with RF/ID labels or barcode to be selected according to their features (computer, table, chair, cabinet, etc.,)
- Name, number and barcode of the asset can be printed on RF/ID labels through their printers,
- The system can be operated in accordance with Movable Property Regulations.



Dormitory Control System



It becomes
your eyes and
ears in
dormit-
ory





It allows students to enter and exit the dormitory safely.

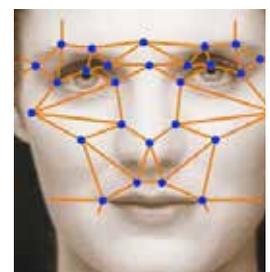
In the system, only students who are authorized according to time intervals can enter the dormitory. All students can be allowed to enter the dormitories having common use areas.

It gives audible warning in the case the dormitory door remains open for a long time.

It can be ensured that dormitory door remains open at certain times on demand. The logs of these adjustments made via software can also be kept .

The late-coming, absent and entrance reports can be received thanks to reporting feature of the software.

In the system in question, it is possible to manage the dormitories in different locations from one point. The card and biometric devices can be used in the system.



Card Printing and Personalization System



allows to make
your corporate
identity
visible



Card Printing and Personalization System is used to meet institutions and firms' printed card needs.

The color or black printing can be made on single/double side of white or ground-printed cards in SO 7810 (54 mm x 86 mm) size simultaneously through Card Printer.

The magnetic tape, contact and contactless card encoder module can optionally be mounted on the card printers.



RTÜK (Radio and Television Supreme Council)

Areas of usage:

- Student cards
- Personnel cards
- Customer cards
- Stadium Combined Tickets
- Visitor cards
- Member cards
- Hotel cards
- Score cards
- Patient Card and so on.



Membership Tracking System



28

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recognize your

members

track their

membership



- It is a system that limits club members' entrance to membership areas such as fitness center and pool and that reports the information such as which area is used by whom for how long.
- Information belonging to member, type of membership and duration of membership are recorded in the system.
- It allows the use of limited space in accordance with type of membership.
- It allows member to enter and exit depending on his/her gender and session.





- It tracks the prepaid membership, periodic membership and course membership.
- It does not let to access when duration of membership expires.
- It can track reservation
- VIP customers' entries and exits are privately tracked.
- It lets to access in accordance with session durations determined within today.
- Through SMS service in software, it is possible to send instant or pre-planned messages and announcements to members' phone numbers recorded previously.



Livestock Tracking System Through RF/ID

30

The specially designed RF/ID ear tags are mounted on animals' ears. Information (species, strain, age, weight, gender, etc.) belonging to animal is recorded in the memory of RF/ID ear tags.



Track
your
animals





The fixed RF/ID readers are mounted in the points where tracking of animals' accesses are required in the barn and dairy farm. It is tracked how many bovine animal and sheep and goat there are in the barn currently through the system without counting them separately.

The animals' information is tracked via software. For example; types of feed given to the animals and weight of the animals are tracked from a temporal point of view.

- The counting operations are rapidly performed through mobile readers and fixed readers.
- The relevant persons are immediately informed via SMS in the case the animals pass through at designated points in an uncontrolled manner.

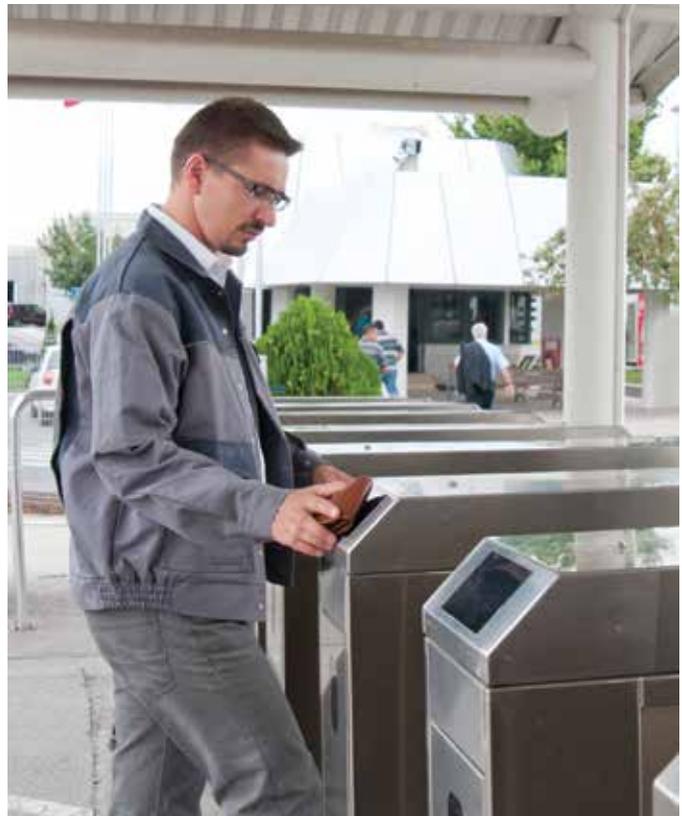
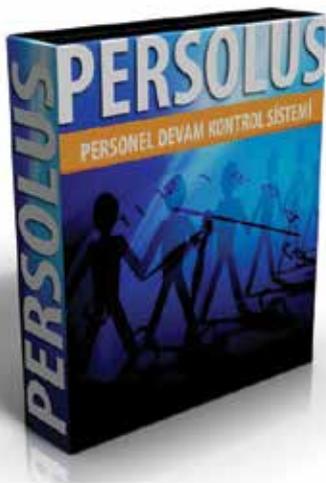


Integrated Solutions / Personnel Attendance Control System



MAN, Ankara

Track the
attendance





TRT (Turkish Radio and Television Association), Ankara

PERSOLUS, which is a software component in Personnel Attendance Control System, serves all the titles such as attendance control, attendance durations, overtime, leave, daily, weekly, monthly score, balancing, compensatory work, direct and indirect labor and time added to production depending on the staff's entry and exists.

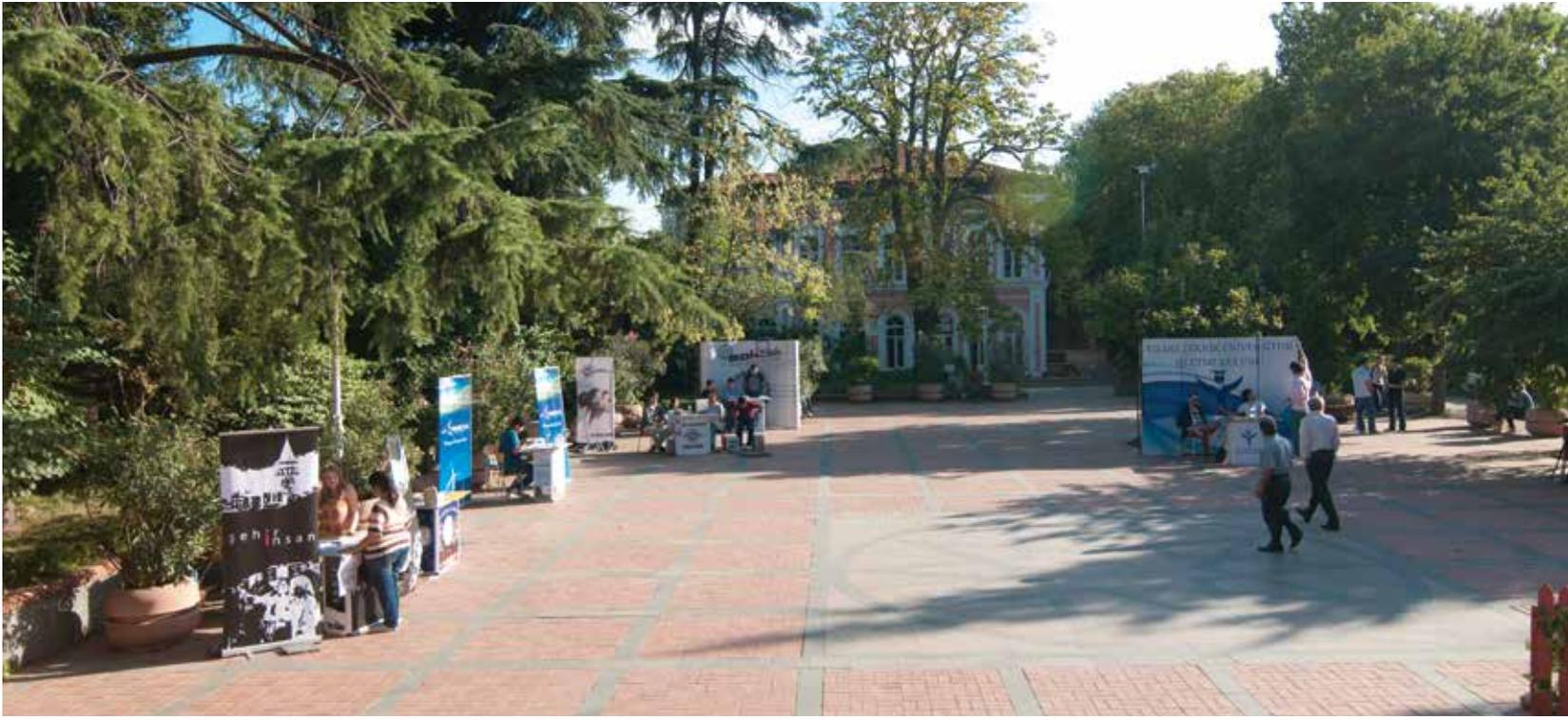
This enables to monitor staff mobility of institutions and organizations and to calculate the scoring data which will constitute the basis for payroll accordingly.

The system consisting of software, hardware and consumable components can be extended in line with the organization's expectations and requirements. It can be used together with physical barriers such as turnstile, barrier, sliding door serving the access safety.

The personnel in the locations in different cities can be tracked from one center through the said system.

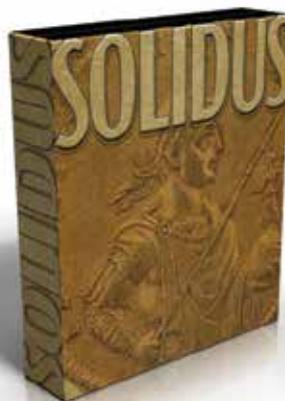


Integrated Solutions / Campus Card Application



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benefiting
from all the
facilities
with a
single card





It is aimed to benefiting from all the facilities within campus with a single card. The system runs in the concept of centralizing.

The control of the access safety, spending and loading points within campus is completely ensured through the system.

The installation can be provided through closed circuit or bank integration. The money loading is directly or indirectly done in the banking integration.

In the system installed through closed circuit, the card printing/personalization and loading points are within the body of institution, and the card printing and loading points are provided by the bank in the bank integration.

The payments made in the spending points can be transferred to separate accounts.



Campus Card System Modules



Access Safety

Allows the management of all entry - exit points in a controlled manner.



Door Control

Allows the right person to access by authorizing on hour basis and the receiving the entry - exit reports. The control of the points such as laboratory doors, system rooms etc. is performed through this module.



Service Management

Enables the reading card through the portable terminals used by security officer without getting out of personnel vehicle.



Parking Management

Also used as a spending point as well as access security point



Dormitory Entry and Exit Control

Allows the right person to access and the receiving the entry - exit reports. The entry and exit control is performed by authorizing on hour basis.



Roll Call

Allows the student's roll call is controlled through cards and enables this roll call to be transferred to student affairs system and to receive report. The teaching assistants' academic program is also monitored.



Refectory

The payments of refectory fees are made through the card. It is compatible with table d'hote or à la carte refectory automations. A turnstile can be used on demand.



Canteen - Stationery - Student Affairs

The spendings made in canteen and stationery and the fees received against books arrived late to the library are collected through student cards.

The students can obtain certificates such as student certificate and transcript through kiosks connected to student affairs. The student's certificate rights are pursued and certificate fees are collected through the student cards.

37



Loading Points

Kiosk is used to load money to the card in the system installed as closed circuit.

ATMs are used to load money to the card in the banking integration.

The terminal is used to load money to the cards with the help of staff in the system installed as closed circuit.



Card Printing and Personalization

The card given by Student Affairs through Card Printing and Personalization System is being used within the entire system. The printing and personalization of the cards is carried out within the organization and used in the systems installed as closed circuit.

This system is not required in the banking integration. The cards printing operations and corresponding definitions are performed by the bank.

Some of our References



Some of our References



Some of our References



Some of our University References



ADİYAMAN
UNIVERSITY



BİLKENT
UNIVERSITY



CUMHURİYET
UNIVERSITY



ÇORUH
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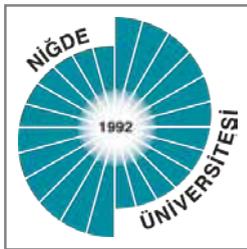
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