



NOI Tradings

Smart Healthcare Solutions

Company Profile

WWW.NOITRADINGS.COM

Intelligent Healthcare Solutions

NOI Tradings is a subsidiary of **ZKR Healthcare** which was formed with the aim to bring the latest technologies and industry best practices under one roof at affordable costs for a digital, smart and sustainable Healthcare industry. From communication and information management to workflow, asset and patient management our smart solutions help care givers and patients equally in most efficient way. We believe that the quicker the world's institutions can adapt to latest advances in technology, the better and more equal human quality of life can be across the globe.

We are proudly the emerging leader in Smart Healthcare solutions industry with our smart systems installed in more than 750 Healthcare facilities which have served over 38 million patients over the span of last two decades.



At NOI Tradings we use the extensive industry experience that we earned over the years coupled with latest technologies to create an ecosystem of smart products and services that spawn a new era of fully digital and paperless hospitals.



Digitally smart and modern hospitals where goal driven technologies do the job, simplifying the workflows; automations that make daily tasks easier for the care givers while comforting the patients at the same time and leaving least footprint on the environment.

Our ultimate goal is to help healthcare facilities achieve a true sustainable digital transformation!

Solutions to make A difference

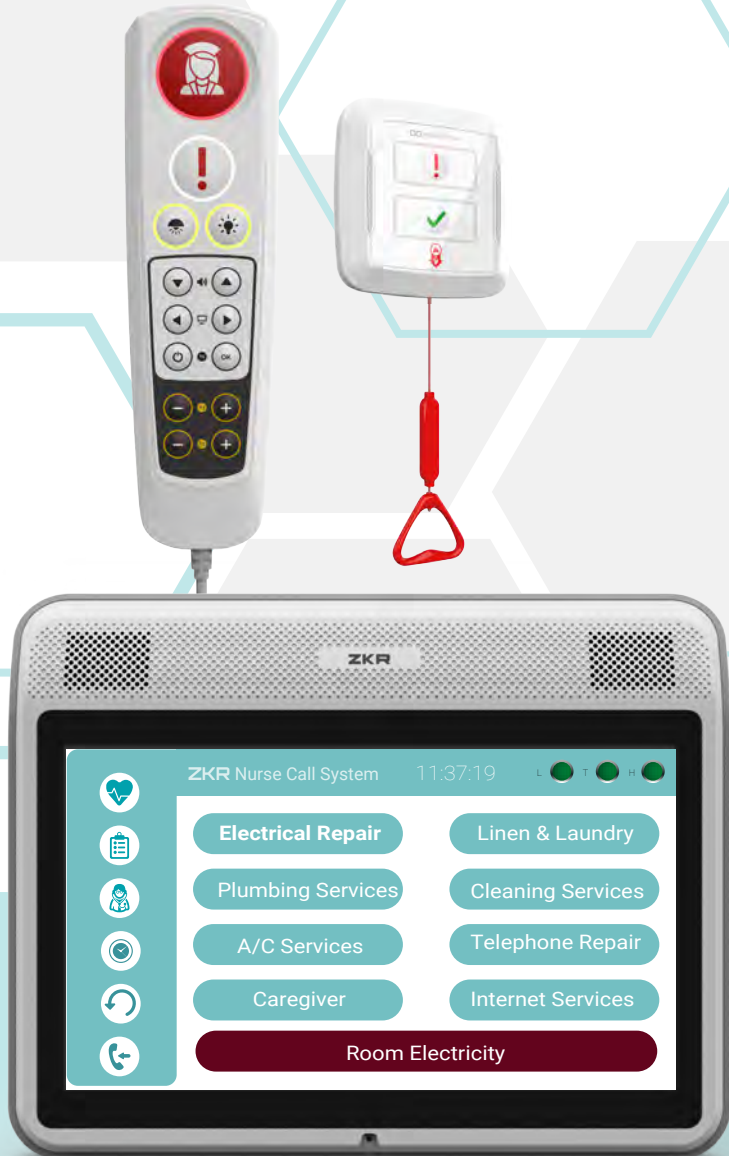
NOI Tradings has the following smart products and services which can help automate and digitize the healthcare environment from a grass root level and ultimately make the digital transformation a reality

1. ZKR Smart Nurse Call System
2. ZKR TIPPLUS All-in-one HIMS (EMR+ERP)
3. ZKR Bedside Patient Infotainment and TV solution
4. ZKR IoT Solutions for Healthcare
5. ZSmart Hand Hygiene Monitoring System
6. State of the Art Hospital furniture solutions
7. Full Range of Radiology Equipment
8. State of the art OR & OT Equipment
9. Wide variety of Medical Consumables



ZKR Nurse Call System

ZKR Smart Nurse Call System uses the latest technologies present in market which makes very unique and helpful using IP, VOIP, IoT, Bluetooth Low Energy and RFID technologies . Main features are given below



01 100% Digital, IP Based architecture

04 State of the art built-in reporting and monitoring

07 Middle ware - Open-source software structure makes it easily integrable with all sorts of Medical and building managements systems

03 All devices are equipped with HD Voice over IP (VoIP)

05 Equipped with BLE beacons for Real Time Location Services (RTLS) and asset management

08 Architecture consisting of Touch screen room control Units that also Work as Employee stations helping eliminate use of paper by implementing digital forms and tasks for caregivers, facility management and housekeeping

03 No additional/hidden components or converters

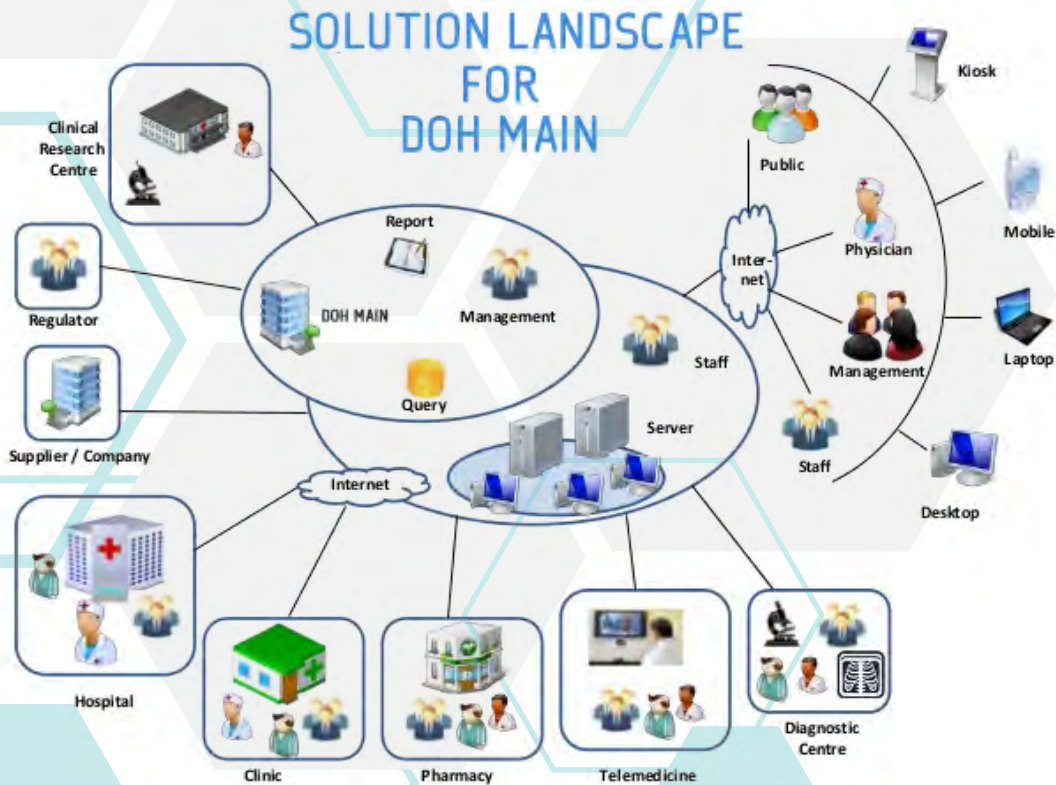
06 Power over Ethernet (PoE) which means NONE of our devices need AC power supply

09 Huge step forward in paperless patient room environment



ANTIMICROBIAL
Membrane Surface

ZKR TIPPLUS All-in-one HIMS/EMR (EMR+ERP)



Founded in 2004 ZKR TIPPLUS is a comprehensive HIMS caters all the requirements of a Healthcare Facility. Even In a modern-day Digital healthcare Environment, hospitals are using 2-3 different softwares/vendors to manage their EMR and ERP needs but TIPPLUS with its 67+ modules provides a one-stop-shop to address all the needs of a modern healthcare facility.

- Supports International codes ICD, CPT, HCPCS, SNOMED
- Simultaneous Multi Language ability English, Turkish, Arabic, Romanian
- Fully Supports HL7 V03, V2.5 and V2
- Certifications ISO/IEC 15504 SPICE, ISO/IEC 27001, ISO/IEC 20000-1:2011, ISO/IEC 22301:2019, ISO/IEC 10002:2018, ISO/9001:2015
- Compatible with HIMSS EMRAM Stage 6 and JCI workflows
- TIPPLUS Business Intelligence and Decision Support System
- TIPPLUS Resource Management system equally suitable for facilities to ministries
- 100% paper free digital hospital solution from Oncology to cafeteria modules
- Already working with Ministry of Health in many countries like Turkey, KSA, Kosovo, Moldova, Sudan, Kenya and Uganda
- Total Beds 28,000, Total Users 178,000, Total Physicians 14,000
- More than 500 different brands of Lab equipment already integrated

IoT Solutions for Healthcare

Our dedicated IoT division has been manufacturing solutions specifically designed to cater healthcare facility's needs since 2007. We accurately locate and safeguard staff, patients and assets as well as help use the staff and assets in a very efficient way by automated and easy to manage workflows, accountability and cost saving. Our IOT Solutions include the following sections and features :

Patient

- Patient throughput management
- Patient Safety
- Infant Safety



Asset

- Asset Management
- Asset Utilization
- Asset Safety



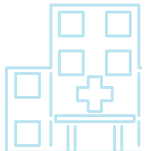
Staff

- Staff Utilization
- Staff Safety



Facility

- Location awareness
- Work Demand Management
- Environmental Monitoring



Peace of your mind with patient safety.

PATIENT SAFETY



Patients' Emergency Alarms

are received by the nearest staff with location information.

Response time is minimized.



Prevent

patient elopement by receiving automatic alarms with RTLS.

Always keeping your eyes on patients?

Our system will warn you in case of patient elopement or wandering through a dedicated alarm system that allows you to take action before the risk becomes a problem.

INFANT SAFETY



Prevent

unauthorized access, and abduction attempts with real-time alarms.

Ensures

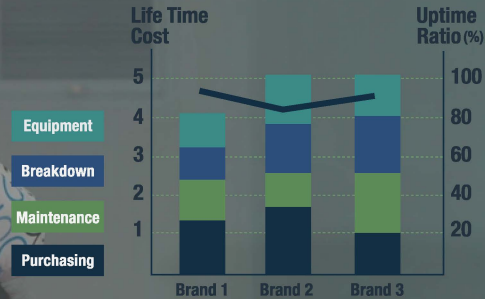
a correct mother-infant match.



Keep your infants safe.

All you need to do is to determine a safe area and authorized staff for the infant. We will protect the baby in case of any abduction risk. No one needs to worry about infants getting mixed up

ASSET MANAGEMENT



Take control of your assets. Spend more time with your patients.



Count

fixed assets quickly and systematically.

Find

where the asset is within seconds.



Track

your preventive maintenance schedules and warranty processes by notifications & alerts.

Do you think that your existing asset list reflects reality?

Receive an accurate and up-to-date asset list instantly while tracking your maintenance and calibration processes automatically. Count total assets in one day. Search for assets within seconds. Drive to asset efficiency.

High-performance organization

Nurses spend only 37% of their time on patient care.

Gain a bird's eye view into staff operations, observe inefficiencies and streamline processes for more efficient management



Know

the real-time location of the staff accurately.

Measure

your staff's on-call response time.



Track

visit times of staff with RTLS. Identify how much time is spent with each patient

PORTER

8 task assigned
8 task completed

NURSE

7 task assigned
4 task completed

TECHNICIAN

12 task assigned
3 task completed

Weekly Completion Rate: 75%



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Our hospital has over 1.300 bed capacity, and it is hard to manage safety issues. Yet, we now feel very confident since we implemented the Infant Safety Solution in our New Born Unit and Maternity Wards.

Gülcan Erdoğan

Newborn Unit Manager, Bursa City Hospital

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Keep your infants safe.

TAG
S
Locator

SYSTEM
COMPONENTS



- Set up safe zones for infants
- Receive real-time alarms if the baby is moved out of pre-designated areas by an unauthorized person.
- Pair infants with their mother.
- Ensure a correct mother-infant match via visual alarms.
- See the video of the risk moment - Solution is integrated with the CCTV system.



ZKR BEDSIDE PATIENT INFOTAINMENT AND TV SOLUTION

In modern hospital patient room Bedside infotainment terminals are very useful feature to have, as per a survey conducted more than 90% of the patients prefer it over any type of TV Solution. It not only provides means of patient engagement and entertainment but also provides a great opportunity to fully digitalize patient room environment and completely eliminate the concept of paper. Our infotainment solution offers the combination of best software capabilities in terms of ease of use and management but is the only solution in the world which use BARCO's world renowned and trust worthy hardware. Some of the prominent features are given below :

1. Enhanced patient experience
2. Patient entertainment & engagement
3. Digitalization of forms, questionnaires and surveys
4. HIMS integration and workflow management
5. No need to carry paper or Work Stations on wheels in patient rooms
6. Targeted therapeutic education and treatment for long term patients
7. Adaptive navigation using Dry contactor and face/retina motion sensing
8. Integration with Cafeteria, meals management, facility management and nurse call
9. Technical support, incident initiation and reporting



ZSmart Hand Hygiene Monitoring and Compliance System

According to the WHO Guidelines on Hand Hygiene in Health Care, recent studies conducted in Europe report prevalence rates of patients affected by HCAI (Health Care Associated Infections) range from 4.6% to 9.3%. Approximately 5 million HCAs are estimated to occur in acute care hospitals in Europe annually, representing around 25 million extra days of hospital stay. HCAI contributes to death in at least 2.7% of cases (135000 deaths per year). In less developed countries HCAI prevalence rates range from 15% to over 30% among hospital patients.

The most common vehicle of transmission of HCAs from patient to patient is Healthcare workers' hands. The best measure hospitals and other healthcare institutions can take to prevent the spread of HCAs is properly enforced hand hygiene.

ZSmart Hand Sanitizer removes human error from this equation by ensuring all staff follow proper hand hygiene protocol. Your patients are safer in our hands



These days when everyone is relearning the importance of hand hygiene, we approach hygiene in a new way with ZSmart Hand Sanitizer

The ZSmart Hand Sanitizer notes entry and exit in the room with its adjustable sensors. It uses this information to acoustically remind entrants to sanitize their hands.

Radiology-equipment-supplier



X-ray Machines

CT Scanners

MRI Machines

Ultrasound Machines

Digital Radiography

Medical Furniture

Full range of hospital furniture that can be custom made as per hospital requirements



Medical Consumables



NOI Tradings has direct contact with many Healthcare consumable manufacturers through due that fact we have the potential to supply all sorts of medical supplies at better costs and uncompromisable quality.



Networking and ELV Materials



NOI Tradings

Smart Healthcare Solutions

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Over 750 systems installed worldwide.
Over 38 million patient served.



Bilkent Integrated Health Campus 3660 Bed
Capacity Partnership with Siemens - Fully
Integrated System



Adana Integrated Health
Campus 1550 Bed Capacity



Eskişehir Integrated Health
Campus 1080 Bed Capacity