

INVESTOR PRESENTATION CHANGWOO, BAEK CEO

> CEN/ISO 13606

AT

NTERNATION

openEHR



DOUBCI

I will talk about Nousco and current healthcare statues in S.Korea.

(There are some quite changes after MERS)

- 1. Nousco(Company Information)
- 2. Nousco(OpenEHR)
- 3. Nousco (Skiils)
- 4. Nousco (HIS)
- 5. Nousco (PHR)
- 6. Nousco (Business Area)
- 7. Facts of Healthcare in Korea (MERS)
- 8. Impact of MERS in S.Korea
- 9. Future and policy change in Korean healthcare due to MERS

10.Conclusion



Company Information



NOUSCO Co., Ltd. (www.nousco.com)

NOUSCO is a healthcare software vendor in South Korea. NOUSCO is developing openEHR-based Health Information System, Health Information(HI) standards-based EHR Platform & PHR solutions. openEHR & HI standards-based EHR platform is the first innovative work in South Korea. In 2015, Nousco is expecting to launch its products internationally.

EHR PLATFORM

EHR platforms provided by NOUSCO can support building medical information systems suitable forto meet international standards adopted b each country given that it supports American and European standards at th

NOUSCO H

The second "Name", which increases from the Great second NOVY, separates torrespond "Soul", Mind", and "Intelligence".

Read more -

About us...

Nousco was established to focus its energy and onlineases an developing technology under the ideology that technology

Read more ---

Contact us

82-70-8292-7798

neosco@gmail.com





Nousco(OpenEHR)



Top healthcare developer in Korea

Nousco is the only company that developing international EHR standards based Hospital Information System and interconnected PHR services in Korea.

- HL7 Korea Official Partner
- Industry partner of openEHR Foundation (a initiator of ISO 13606 standard)



Refer to

- and





About this Website | Wiki | CKM 💊

Search

About Us

Google" Custom Search

News & Events

Downloads

Nousco (Skills)

NOUSCO is attained technology of healthcare ICT that based on international standards.



EHR Electronic Health Record International Standards (HL7, ISO/CEN 13606) based EHR Platform (based on openEHR & HI Standards) Health Information Exchange

Hospital Information System incorporating

Integration of EMR, PACS, LIS, RIS etc.. Integration of EIS, MIS, PM, PA, EDI

Set up Mobile HIS based on smartphones

■ Charting and Prescribing via smart devices (smartphones and tablets)

By OS technology and super computing technology, NOUSCO provides security and BIO Informatics services.

VDI

Virtual Desktop Infra.

Low Price/High PerformanceVDI solution for Hospital

Bioinformatics

Optimization of GPGPUDeveloping about technology of BIO Informatics.

Secure OS

Ensure security of healthcare data
 Mobile Security (*TrustZone*)

MIQUEST Spine WKTC TRUD SNOOKED CTO NHS Classifications Source Micclassifications Source Micclassifications Micclassifications Source Micclassifications Source Micclassifications Miccl

PHR Personal Health

HIS

Hospital Information

Svs.

Mobile HIS

Hospital Information Svs.

and tablets.

EHR

Record
Interconnected PHR service
Support International Standard ISO/IEEE

11073 Device and Non-standard Devices



RTOS

Developed virtual C/C++
 Hypervisor specialized for Security





Nousco (HIS)

HIS that Based on International Standards EHR

- 동일환자연속접수			환자정보변경) 🔚 진찰권
환자기본신상		진료정보	
환자번호 15010014 Q 성명 최무선 주민번호 900827 - 2438688 LHOI,	/성별 24/9 / F 불완전 ✔	가족관계 진료과 내기	
생년월일 1990-08-27 월 🔻 휴대폰 010 🔻 - 1238 - 4987 집전화 070 💌 - 14	15 - 1269 SMS	진료의사 김	상일
우편번호 137 - 845 🔍 시 서초구 방배동 944-4 그룹한 빌딩 상세 6층	개인 🗌	H 양지병원 No.in 누스코닝 반갑습니다	환자미모 상용구 Aler 진료일정표 전화번호 (1)로그오프 추환경설정 _ 현
e-mail nousco @ gmail.com - 외국인 대한민국	▼ × 메일		
세대주 Q 관계 · · · 계약처	- × 사용X	E 외래접수등록 × 외래진료비수납 × ***********************************	
보험자격 🗒		-t≥ EC	E
		· 양 경 진료일 2015-06-02 화 · 환자변호 15010014 Q 최무선	원외처방건출력 📋 수납취소 🗇 이르글여승인 📑 영수증재발형 🗋 환자정보변경 🗈 환자
보험정보	진료과 현황	수납대상자	예약/접수목록
건강보험 및 의료급여	접수시간 환자번호	원 변경 불가항목	
보험유형 ~ 유형보조 ~	10:57:46 15010011 11:02:43 15010012 1	미소 방 환자성명 최무선 생년혈일 1990-08-27 월 ▼	
보장기판기호 0000000000 건강보험증 80527777777	11:49:15 15010012	BU 부인용폭인오 (900827) - 24 7 F	■ 🕑 0 20150602 112908 2209196 내관 3면구분 🔹 3면기간 🔹 ~
피보험자 최무선 900827 - 2459678 본인 ▼	09:58:38 15003407	내 1일 에모 수 Q 보험자격 내 2 A 에모 · · · · · · · · · · · · · · · · · ·	
자격수급기간 🔹 ~ 🔹 출국자	10:01:25 15003423	응금 0일 건강보험증 보장기관기호	 원무 빈 처방코드 그룹코드 수가코드 수가한글명 단가 수 횟 일 금액 용법 부며 급 E 가 사유 상
산정특례기간 🔻 ~ 🔻 본인코드 🔻	11:23:00 15010013	태- 적용기간 · ~ ·	✔ 201 AA156 요진진철표-중합 16.260 1 1 1 16.260 I □ ✔ 201 L010030 L010030 요일반검사10종 1.980 1 1 1 2.475 1
산정특례기호 🔹 산정특례번호	11:29:08 15010014 11:34:34 15010015	지수 진료과 내과 · 진료의 김상일 ·	· · · · · · · · · · · · · · · · · · ·
보훈구분 ▼ × 보훈적용율 ▼	12:09:22 15010017	변경 가능항목	201 ····································
보훈/참전번호 🔹 🗸	12:26:31 15010018	태, 보험유형 건강보험 · 변경 수납	▼ 201 GFS GFS GFS 위내시경 검사 (1 1 1 I I I
		유형보조 건보_일반 · · · · · 입원오더 계약처 · · · · · · · · · · · · · · · · · · ·	♥ 201 GFS GFS L757630 상부소화관내시 41,770 1 1 1 52,213 I I ♥ 201 GFS GGC 716출액 1ML(25 1 1 250 I I
환자 외래접수 및 예약 현황		· · · · · · · · · · · · · · · · · · ·	201 GFS GFS 8XSPY 싸이르카인스프 5 1 1
조회기간 2015-03-02 월 🔻 ~ 2015-06-02 화 🔹 조회		산정특례구분 · 산정특례번호	
· 구분 접수일자 I/O 보험유형 보조유형 부서명 한글성명 선택진료여부		산정특례기호 본인부담코드 *	201
■ 접수 20150602 O 건강보험 건보_일반 나과 김상일 N		산정특례기간 🔹 ~ 💌	수납금액 항목별금액 수납할내역 원외처방내역 미수금입금 감면내역 환불내역 헌혈증입력 재진예약 가셔C
			● 호납 · 수납 · 환봉 계산 환봉사유 · · × a · 전료배전전 0 전황료총액 11
	입퇴원내역	환자외래수납미력 조회일 2015-03-02 월 · ~ 2015-06-02 화 · 조회	초재진 초진 ▼ × 진황료 기본진황;▼ 입위부 6시간이상 요루장루 진황료무료 상담 조합부담금 .
	접수일자 퇴원일자		계약처부담 0 계약처감면 0 선택진료비 0 건강생활비 0 비급여총액
		접수일자 보험유형명 부서명 미수금액 ■ 20150502 건보_일반 내과	보훈청구액 0 걸핵지원 0 장애대불 0 회귀지원 0 본인부담금
감면정보			긴급자원 0 미수코드 ▼ × a ▼ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □
감면구분 · · · · · · · · · · · · · · · · · · ·			수월감면 0 감면코드 ▼ X ■ 감면백 0 ~ 4납금액 95, 카드 카드용인수용 카드음액 활부가철수 카드유요기간
사원번호 사원명 관계			
	4	상병내역	
		- <u>884</u> 888 88498	8 · · · · · · · · · · · · · · · · · · ·
		상병코드 상병명 상병약이명	





Nousco (PHR)

PHR(Personal Health Record)

Customer management services for admission clients that are linked with EHR



- Appointment
- Treatment schedule
- Dosage checkups
- Treatment card
- Payment
- Electronic prescription
- Medical history chart
- Personal chart viewer
- Radiology image viewer
- Hospital introduction
- Hospital information
- Medical consultation
- Device integration
- Others



Nousco (Business Area)

Nousco is an exceptional company that provide health care information and secure OS both side. Nousco is the only Korean company that adopted international standard EHR on HIS and trying to make a health management services to connect between hospital and patients.



Business of healthcare platform

- EHR that based on inte rnational standards
- HIS that based on EHR



Business of healthcare s ervices

- Service of diabetes mana gement
- Service of Asthma mana gement



Business of secure OS

- secure OS for Samsung ele
- ctric mobile
- privacy of health data



Business of national research and development

- Build MPI and OID
- EHR development for primary

care



What is going on in Korean healthcare in these days?

Citation: http://www.koreaherald.com/view.php?ud=20150730000186





Healthcare in Korea (MERS) Fact

MERS is a viral respiratory syndrome that was first reported in Saudi Arabia in 2012.

The disease has since affected over 1,300 people throughout the world, but most of the cases have been linked to Saudi Arabia and other Middle Eastern countries.

South Korea has the second-largest number of MERS cases in the world after Saudi Arabia, which has reported over 1,000 cases since 2012.

The fatality rate of the disease in South Korea remains at 19.4 percent, while the rate for the rest of the world is around 40 percent.

The country's death toll from the disease also remained unchanged at 36 for the 19th consecutive day, according to the Ministry of Health and Welfare.

Out of the 186 diagnosed so far, 138 have been discharged following complete recoveries.



Citation: http://www.koreaherald.com/view.php?ud=20150730000186



MERS newspaper (Impact)

Loss of travelers: **Korea's monthly travel deficit in July soared to a 7-year high**, as the Middle East respiratory syndrome outbreak held back foreign travelers from visiting the country.

Park's cancelation of her much-anticipated U.S. trip.

The Korean government has closed more than 2,000 schools.

A new Korean Secretary of the Ministry of Health and Welfare:

Chung Chin-youb, a professor at Seoul National University hospital in Bundang, won the approval of the parliamentary health and welfare committee, one day after he underwent a confirmation hearing.

Chung replace Moon Hyung-pyo to lead the Ministry of Health and Welfare, which has come under fire for its **poor response to the outbreak of the MERS virus.**





MERS Newspaper (Future)

All general hospitals with 300 or more patient beds in South Korea will be required to establish negative air pressure rooms to prevent cross-contamination, Seoul announced on Sep.1st as part of its post-Middle East respiratory syndrome(MERS) plan to better deal with contagious diseases.

The Ministry of Health and Welfare also announced that the head of Korea Center for Disease Control and Prevention will be appointed as the ministry's joint vice minister to strengthen public health sector, and **establish an emergency operations center that runs 24-hours a day to readily detect any possible epidemic.**





Conclusion

One epidemic could cost a lot for a country.

After MERS, the Ministry of Health and Welfare is working with Nousco to provide innovative system in healthcare.

Feel free to talk to me after the session.

Thank you.





Contact us

6th FL, Grouphan Bldg., 62, Seocho-daero, Seocho-gu, Seoul 137-845 S.Korea TEL: 82-70-8292-7708 FAX: 82-2-325-7706



DOUSCO



openEHR