



LemonCare Introduction

LemonCare is an IoT Technology (Beacon Device)
based Mobile Healthcare Platform For Patients



Agenda

1. Company Introduction
2. Why LemonCare?
3. What is LemonCare?
4. LemonCare Services
5. Patent
6. Customer's Benefit
7. LemonCare 365 & LemonCare Plus
8. References



1. Company Introduction

Company Profile

General Information / Board of Directors





Company Name	☎ Lemon-Healthcare (Established on July, 2017)
CEO	Steve Byeong-jin Hong
Business Type	Develop medical information-related S/W, Maintenance, Wholesale and Retail, Development /maintenance on Exportable/Importable IT System, Provide IT Consulting and related service
Main Products	Medical information-related product and service, such as LemonCare
Sales	1.2 billion won (2017 ½)
Number of Employee	52 (Since September , 2019)
U R L	www.lemonhealthcare.com
Address	1005, ACE High-end Tower 3-cha Gasan digital 1-ro, Geumcheon-gu, Seoul, Republic of Korea
Contact	<ul style="list-style-type: none"> TEL : 02-6404-8977 FAX : 02-6404-8978



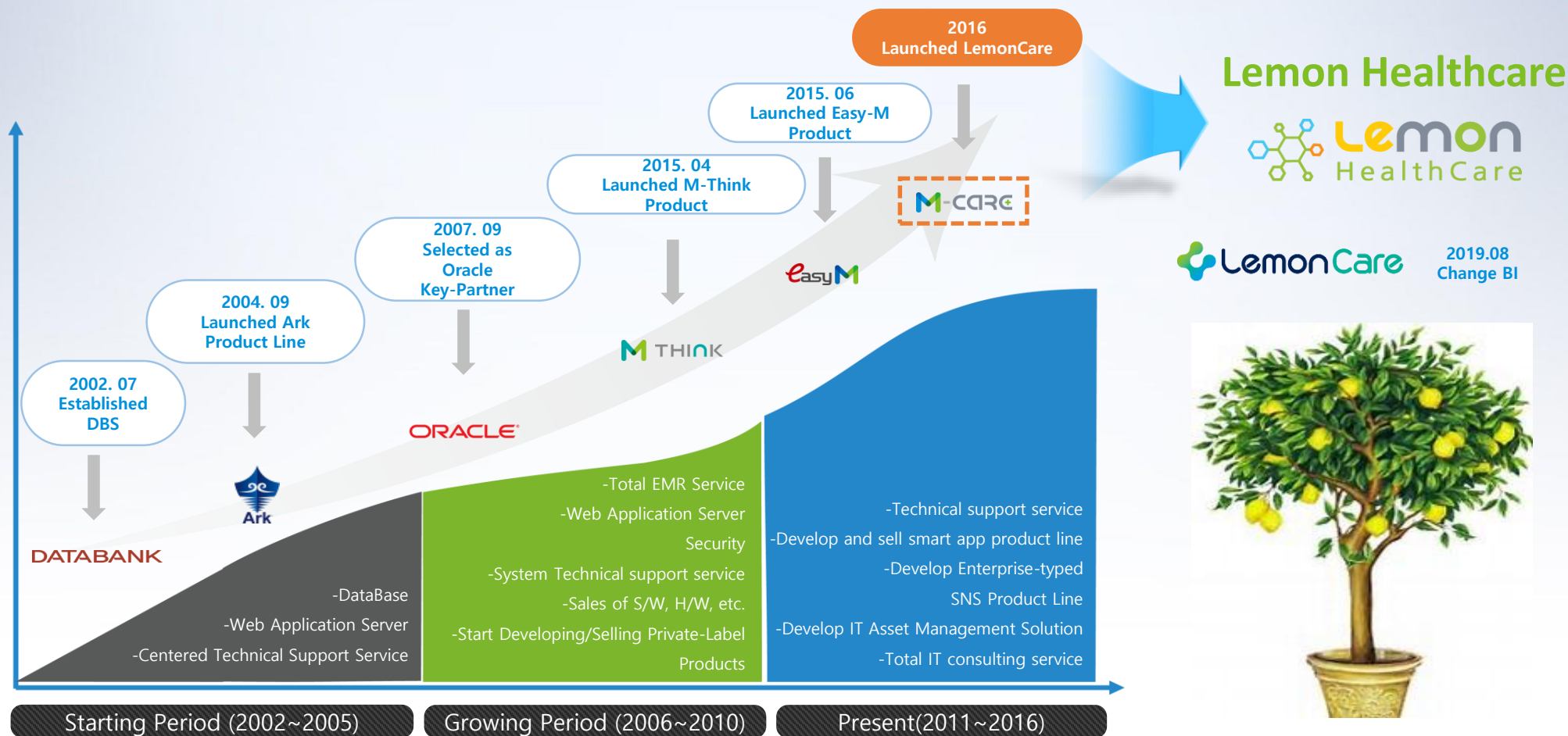


CEO Byung-jin Hong

- Graduated from Kyungpook University (B.S. in in Electric Engineering)
- SKC&C SW Engineer
- Korea Oracle Tech Principal Consultant
- Established Databank Systems (2002)
- Lemon Healthcare CEO (現)

 <p>CMO : Tony Jim Vice President</p> <ul style="list-style-type: none"> Yonsei University, Masters in Graduate School of Engineering Intel USA APAC Director President of Intel Security Korea Branch and) CEO of Korea McAfee 	 <p>CSO : Jaewon Shin Vice President Best strategist in the Healthcare sector</p> <ul style="list-style-type: none"> Seoul National University M.D. Specialist in Department of Family Medicine MBC Medical reporter (2006-2011) Novartis Prize on Medical Journalism (2011) Ministry of Health and Welfare future medical forum director in Healthcare field
 <p>CFO : Sungmin Bae Executive Director</p> <ul style="list-style-type: none"> Graduated from Daegu Catholic University/Graduate School Business Administration Seongrim High-tech Industry Overall Management Support CFO 	 <p>CTO : Andy Kim</p> <ul style="list-style-type: none"> PhD MIT (Computer Science) T-Max Global GM SK telecom Intel USA

Company History



Branched off from LemonCare business unit in Databank Systems Inc. that has been in business for 15 years. In July 2017, started as a professional mobile healthcare platform company.

Company Outlook

- ✓ Building: 1.7 billion won / Debt: 1.7 billion won (Headquarter Office: Estimated current market value_ 1.85 billion won)
- ✓ Development cost: 1 billion won / Debt: 1 billion won
- ✓ Cash: 0.5 billion won / Capital: 0.5 billion won
- ✓ External auditor: Shinhan Accounting Firm
- ✓ Legal Advisor : VISION International Law Firm

Type	LemonHealthCare	
I. Liquid Assets		482,792,083
(1) Quick assets		482,792,083
Savings		82,792,083
Accounts receivable		400,000,000
II. Fixed Assets		2,630,617,289
(1) Investments		-
(2) Tangible assets		1,737,836,783
Buildings	1,052,215,032	
Accumulated Depreciation	17,887,656	1,034,327,376
Land	567,858,734	567,858,734
Fixtures	51,770,428	
Depreciation	21,630,698	30,139,730
Equipment appliance	135,000,000	
Accumulated Depreciation	29,489,057	105,510,943
(3) Intangible Assets		892,780,506
Patent		40,522,782
Development cost		852,257,724
(4) Other assets		-
Total Assets		3,113,409,372
Liabilities		2,613,409,372
I. Current Liabilities (Short-term Liabilities)		1,084,000,000
Short-term loans		1,084,000,000
II. Long-term liabilities		1,529,409,372
Long-term borrowings		1,420,000,000
퇴직급여충당부채		109,409,372
Total Debt		2,613,409,372
Capital (Stock holder's equity)		500,000,000
I. Capital stock		500,000,000
Capital stock		
II. Capital surplus		
Paid-in capital in excess of par value		
III. Capital Adjustment		
IV. Accumulated other comprehensive income		
매도 가능 증권 평가손실		
V. Retained earnings		
Legal reserve		
Appropriated retained earnings		
(Net loss)		
Total Equities		500,000,000
Total liabilities and shareholder's equity		3,113,409,372

All existing debt is on Databank Systems to ensure investment value as a financially sound Clean Company.
For any advice, we hand it over to the external institutions with high public confidence to guarantee legal, financial transparency.



2. Why LemonCare?

What annoys the patients?

- Can't Hospital Reservation get simpler and easier?
- Waiting in line and waiting in a large hospital is exhausting
- Why are big hospitals like mazes? Where do I have to go now?
- Can't Paying for Hospital fees as simple and shopping on the web?
- Why I have to drag my sick body to the pharmacy and wait for hours while Starbucks and McDonalds have a Drive-Thru service?
- How do I Insurance claim Actual Loss? It's so annoying.
- Are there simpler ways to view my PHR ? Why do I have to pay to see my Record?



The Waiting (Waste) time in the Hospitals , Pharmacies...



What is most concern of Patient ?

- No1. High Cost
- No.2. **Waiting time**



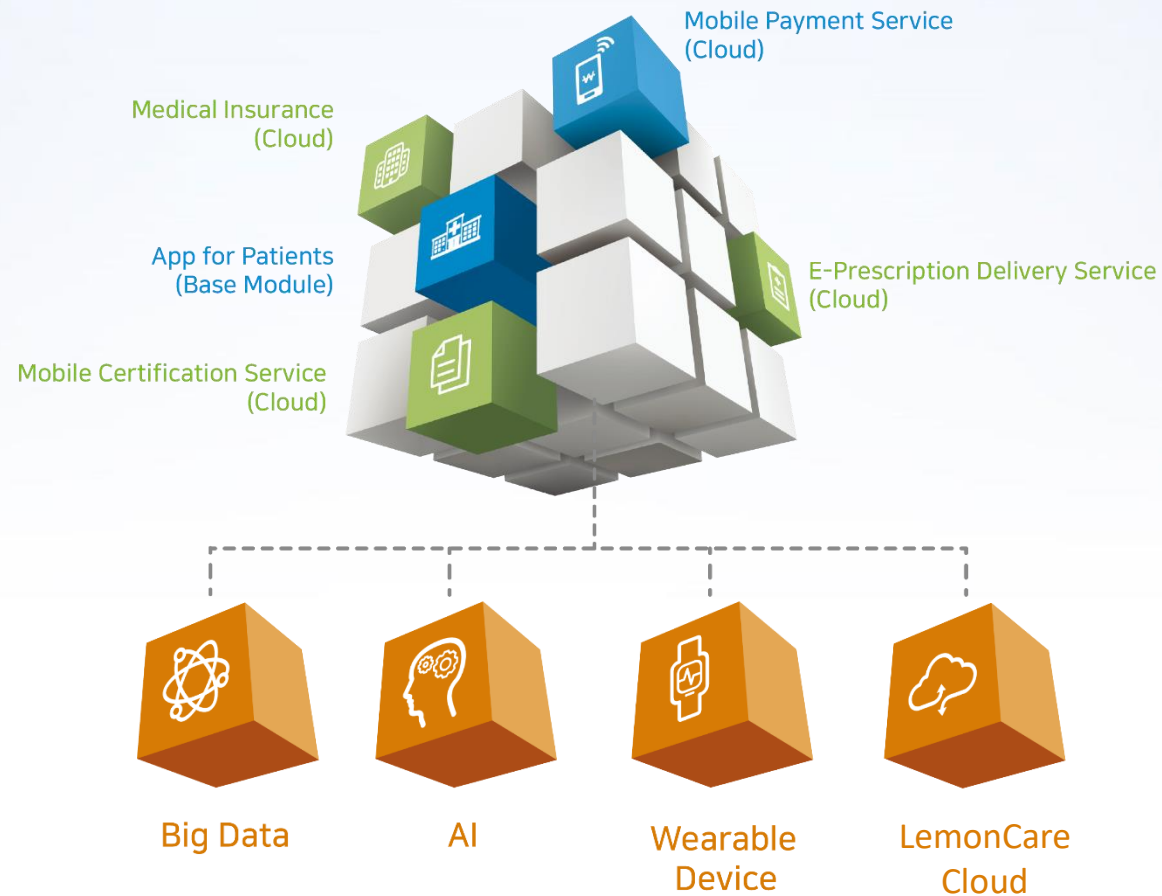
Fastest Smartphone transition in the world
+90% Smartphone penetration in Korea



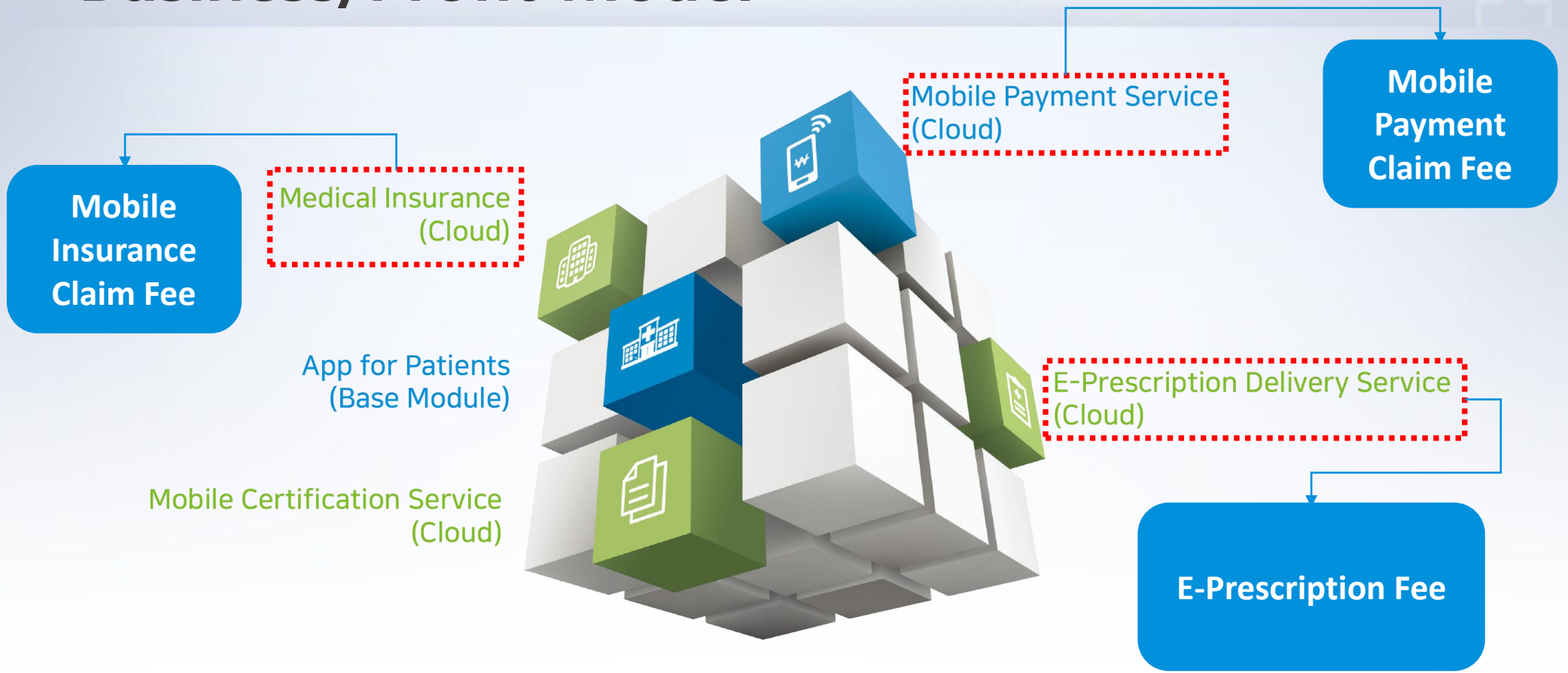
3. What is LemonCare?



Smart Hospital & Healthcare Platform

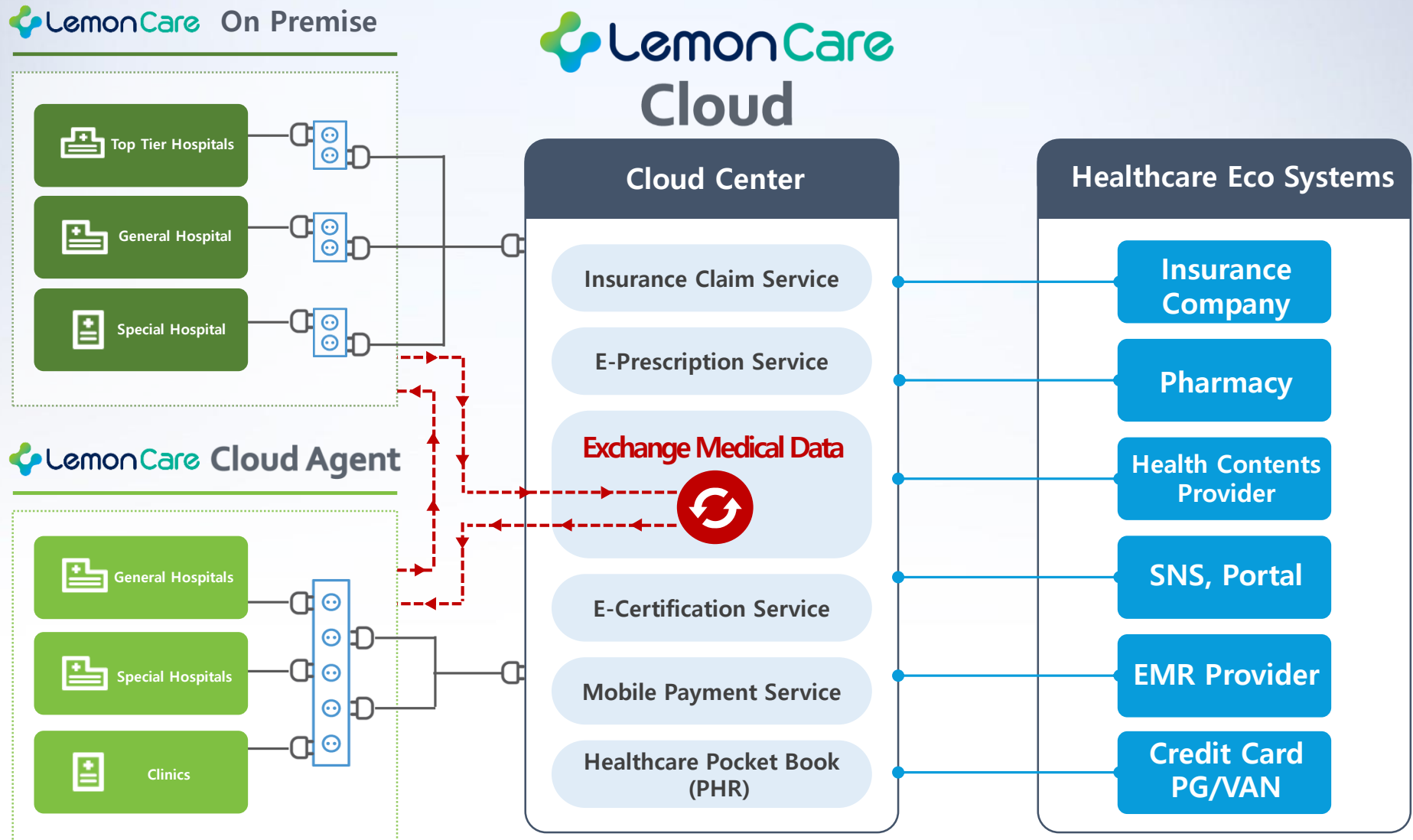


Business/Profit Model



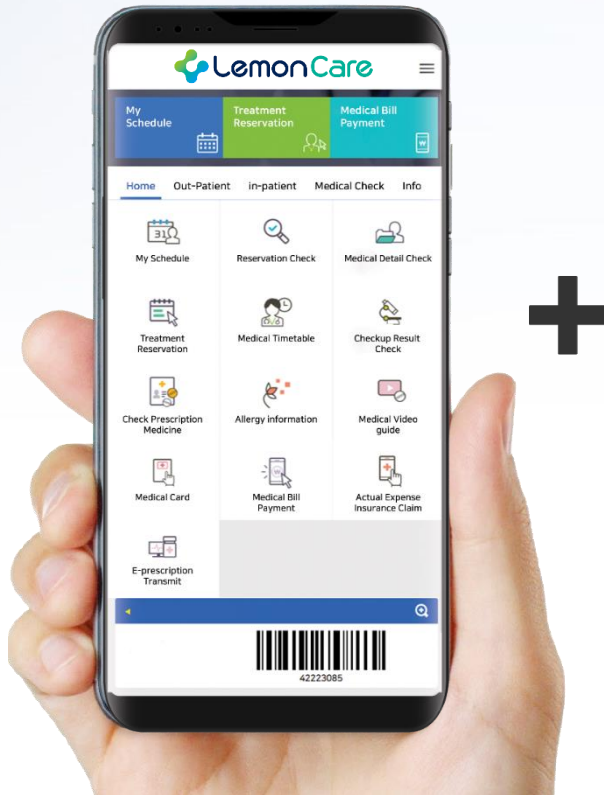
We Don't charge to End-user or Patient
We Don't charge to Hospital (*Premium)
We charge to Ecosystem Beneficiaries by Subscription

LemonCare Platform Evolution on the Cloud



Expansion of Service : AI Integration

#5. Expansion of Service : AI Integration





4. LemonCare Services

What annoys the patients in the Hospital?

Before LemonCare



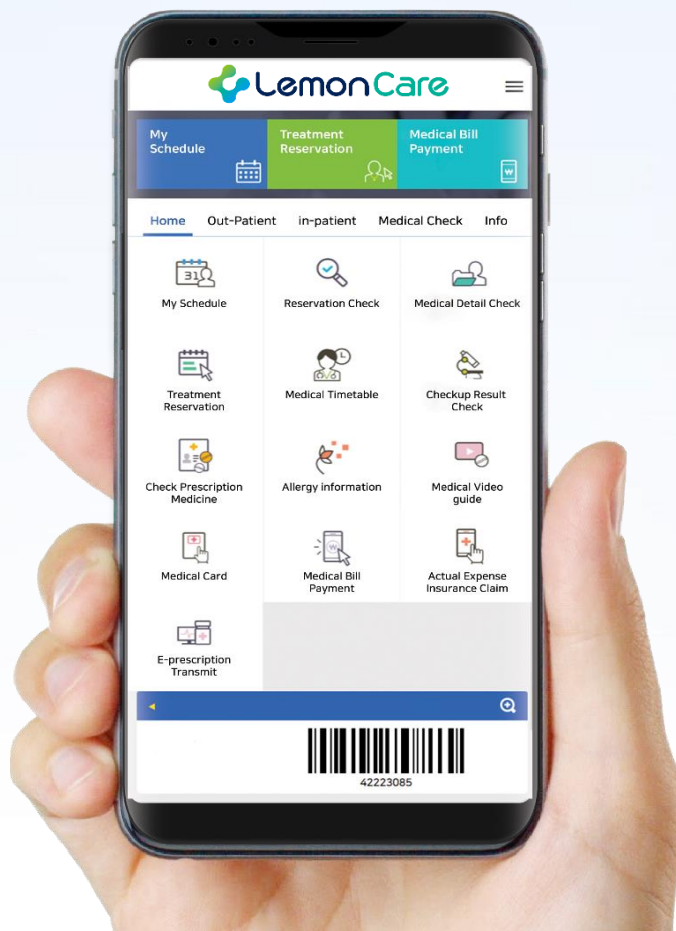
**Waiting & Waiting
without Proper Notification**

Reduce **Time** and **Cost**, higher **Efficiency** and **Quality**.

HOSPITAL

By mobile transformation and process automation, **Operate at maximum efficiency with minimal staffing and cost.**

- ✓ Eliminate **costly face-to-face** customer services
- ✓ **Minimal human errors** by going paperless
- ✓ Eliminate **expensive-to-maintain** pay stations **KIOSK**
- ✓ Improve **hospital's image and brand value** by higher quality of services



PATIENT

By mobile transformation and process automation, **Experience maximum convenience with minimal waiting time**

- ✓ **Minimal waiting time** before seeing doctors
- ✓ **Use mobile payment**, thus no standing in line to pay
- ✓ **Minimal waiting time** to receive, to pay for, to fulfill prescriptions
- ✓ **Paperless insurance claims**

COST

EFFICIENCY

TIME

What we can do for patients?

After LemonCare



PHR Ownership to Patient
Automation & Any-Time & Any-Where
No Extra Payment

Competitive Advantages of LemonCare Platform

Customized UI/UX Examples



- ✓ All in One
- ✓ All Done by LMHC
- ✓ All White Level

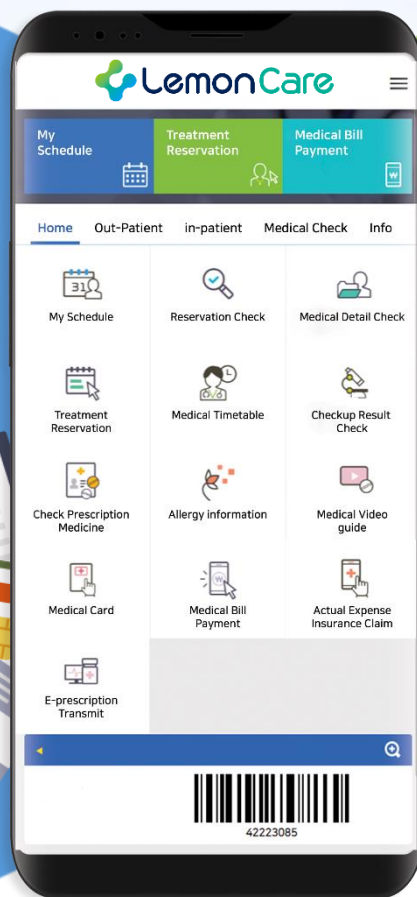
LemonCare	Patients	Hospitals	Mobile payment	Insurance pharmacy Inter-hospital
BASIC	✓	✓		
STANDARD	✓	✓	✓	
PREMIUM	✓	✓	✓	✓

Technological + Efficient + Functional + High Performance

Customized Service

Automatically detects user's location and treatment data to provide medical service necessary in current stage even though the user is not using the application at the moment.

- Patent** ✓ Notification for treatment reservation and arrival
- Patent** ✓ Issuance of Queuing Ticket
 - ✓ Notification of Treatment Status
- Patent** ✓ Indoor Navigation
- Patent** ✓ Smart Guide Service
 - ✓ Mobile Payment
 - ✓ Parking management



Smart Service

Provides medical service that can be used regardless of time and place.

- View Treatment History ✓
- View Examination Result ✓
- Deliver prescription and pay for medication ✓ **Patent**
- View reservation and reservation status ✓
- Inpatient Service ✓
- Patient Identification Card ✓
- Actual Expense Insurance Auto-Claim System ✓ **Patent**
- Hospital Information ✓



LemonCare : Process Menu Map

Smart Escort Service





5. Patent

Company IP (Patent, Program & Award) Status

- Good Software Verified : LemonCare v1.5,
- **Software of the year Award (2016) Ministry of Science, ICT and Future Planning**
- Patent: Hospital Navigation System and Inner Navigation Service Provision Method
- Patent : Smart Healthcare Management System and its method
- Patent : Online Environment based Insurance Claim System and Method



신소프트웨어상품대상

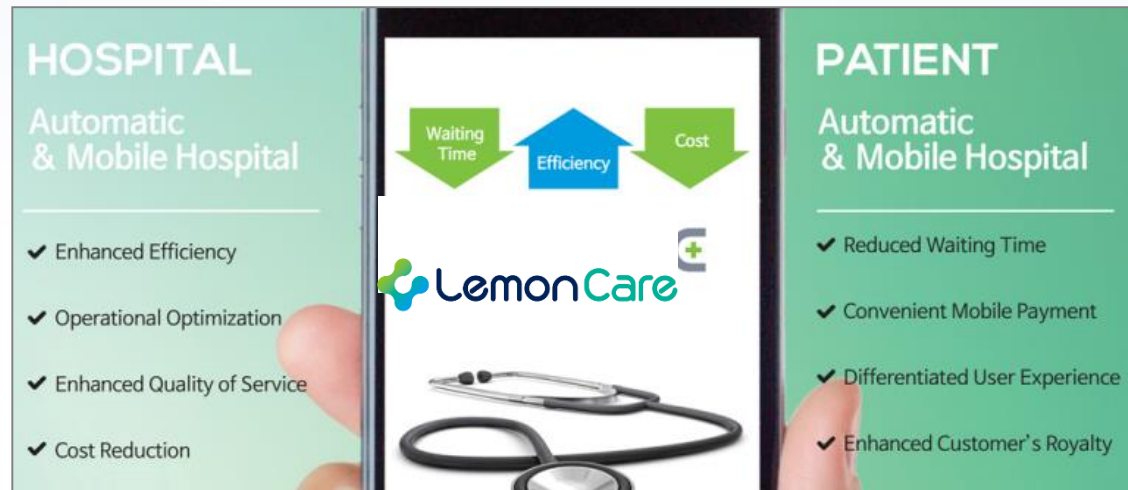


LemonCare related Trademark, Patent, Registered Programs, Awards. IP related total Asset Transferring.




6. Customer's Benefit

Customer's Benefit : Hospital & Patient



Customer's Benefit : Hospital & Patient

Expected Expect by Service

Service	 Hospital's Expected Effect	 Patient's Expected Effect
Decrease cost and time total Management Platform's high quality and Efficiency	Automation of Hospital process via mobile app Maximized administrative efficiency via Minimized task force and cost	Automation of Hospital process via mobile app Minized waiting time and maximized efficiency and convenience within hospitals
Smart Helper (Alarm-Talk)	SMS/LMS/Commercial Alarm-Talk message cost decreased	Personally customized diagnosis guidance benefits
Mobile Reception/Waiting	Decreased congestion at Diagnosis Reception Alleviated Reception Nurses' tasks	Decreased waiting time for Doctor's Office (Effectively utilizing the waiting time)
Mobile Payment	Payment window/Kiosk's decreased congestion Perfect replacement for current Treatment Fee High-pass	Decreased waiting time in front of Payment window/Kiosk Mobile high-pass → real time payment info check
Send E-Prescription	Decreased Prescription/Receipt Printing fee Increased efficiency within hospital's parking lot	Decreased waiting time for purchasing medicines Decreased travel time between hospitals and pharmacies
Accident Insurance auto-claim	Prescription/Receipt/Detailed Treatment Fee Info. Printing fee decreased Customer complaint task decreased	Can claim whenever/wherever without documentary evidence for insurance claims



7. LemonCare 365 & LemonCare Plus

App for SMB Hospitals : LemonCare 365

B2C LemonCare Cloud for Small and Medium Clinics



Develop LemonCare Cloud

- ✓ Reservation
- ✓ Reservation check and change
- ✓ Mobile Deposit and Payment
- ✓ Simple functions (not +50- service module)
- ✓ Free distribution , Free Download, Free Use

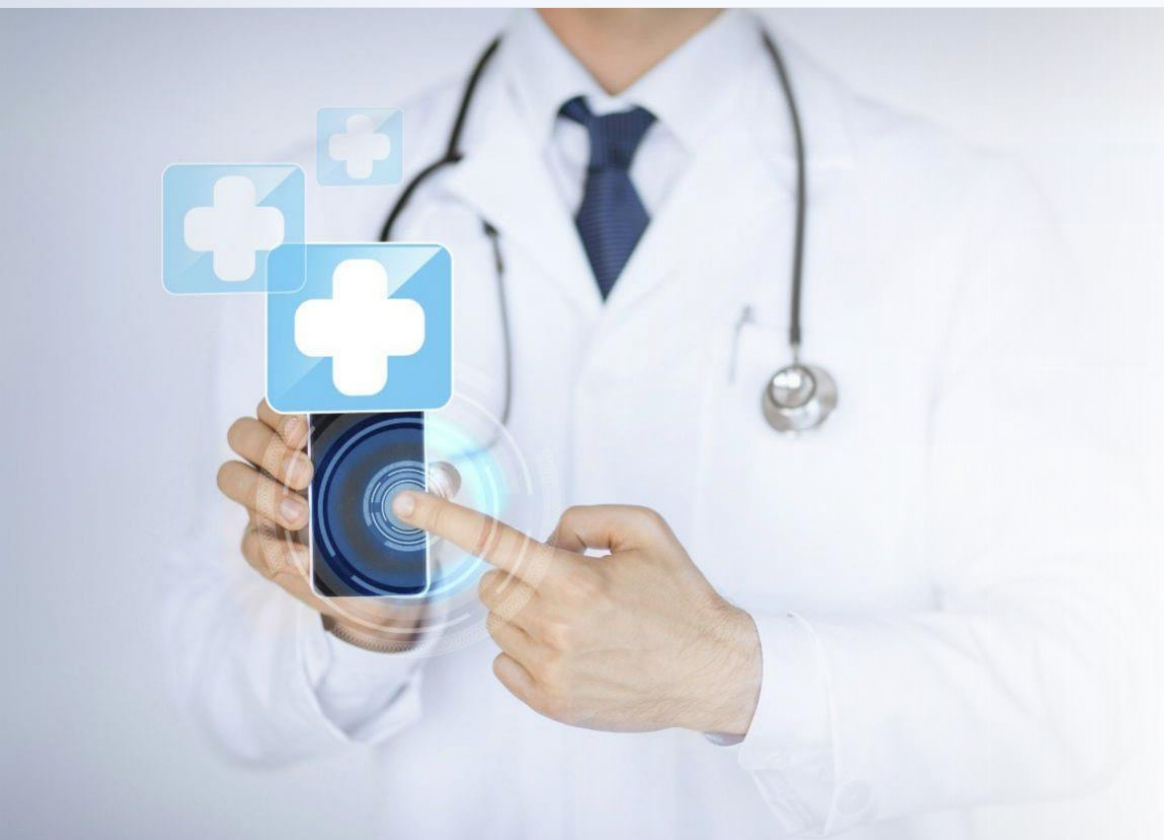
Expected Result

Patient	Clinic	Lemon Healthcare
<ul style="list-style-type: none">• Save Waiting Time• Easy to Search Clinic• Easy Mobile Payment• PHR recording in to Mobile	<ul style="list-style-type: none">• Customer Care• Brand Value up• Less workload• Save Printing Cost	<ul style="list-style-type: none">• B2C extension• Bog-date• More Users more Revenue• BM Extension

App for Hospital Staff : LemonCare Plus

Hospital Smart Work Application 'LemonCare Plus'

Build up Mobile work environment for Doctors and Nurses



Developed System

- ✓ Smart Communication among Hospital Employees, Doctors, and Nurses
- ✓ EMR access via Mobile Device
- ✓ Interface to EMR and Hospital Legacy systems
- ✓ Interface EMR, OCS for remote workers
- ✓ Notice Board and Schedule management via LemonCare

Expected Result

- ✓ Mobile Working environment for Smart Work
- ✓ Anytime, Anywhere connection via remote access
- ✓ Real-Time Communication & Collaboration
- ✓ Asset Tracking (WIP)

** M—Care is an Option system that requires separate assessment/configuration after consulting with the hospital*



8. References

LemonCare Reference Hospitals

LemonCare Live Service

SNUH SEOUL NATIONAL UNIVERSITY HOSPITAL	SAMSUNG MEDICAL CENTER	SEVERANCE HOSPITAL	GANGNAM SEVERANCE HOSPITAL
THE CATHOLIC UNIVERSITY OF KOREA SEOUL ST. MARY'S HOSPITAL	THE CATHOLIC UNIVERSITY OF KOREA EUNPYEONG ST. MARY'S HOSPITAL	THE CATHOLIC UNIVERSITY OF KOREA YEOUIDO ST. MARY'S HOSPITAL	THE CATHOLIC UNIVERSITY OF KOREA ST. VINCENT'S HOSPITAL
THE CATHOLIC UNIVERSITY OF KOREA BUCHEON ST. MARY'S HOSPITAL	CHUNG-ANG UNIVERSITY HOSPITAL	KONKUK UNIVERSITY MEDICAL CENTER	
THE CATHOLIC UNIVERSITY OF KOREA UJEONGBU ST. MARY'S HOSPITAL			
HANYANG UNIVERSITY SEOUL HOSPITAL	HANYANG UNIVERSITY GURI HOSPITAL	INHA UNIVERSITY HOSPITAL	NATIONAL CANCER CENTER
DAEGU CATHOLIC UNIV. MEDICAL CENTER	PNU Pusan National University Hospital	KNUH	KNUH
KNUH Kangwon National University Hospital	GNUH	Keimyung University Dongan Medical Center	CHONBUK NATIONAL UNIVERSITY HOSPITAL
INJE UNIVERSITY SEOUL PAK HOSPITAL	INJE UNIVERSITY SANGYE PAK HOSPITAL	INJE UNIVERSITY ILSAN PAK HOSPITAL	INJE UNIVERSITY BUSAN PAK HOSPITAL
INJE UNIVERSITY HAENDAE PAK HOSPITAL	EUMC EWHA WOMAN'S UNIVERSITY CANCER CENTER FOR WOMEN	DAEGU FATIMA HOSPITAL	GROUPEM NATIONAL UNIVERSITY HWASUN HOSPITAL
CATHOLIC KWANGDONG UNIVERSITY INTERNATIONAL ST. MARY'S HOSPITAL	GOOD GANG-AN HOSPITAL		

LemonCare365

nipa National IT Industry Promotion Agency



Ministry of Science and ICT

Healthcare Cloud Business
(2018.07~2019.12)

100 mid-sized hospitals
connected
(2019. 09)



Thank you!