

Think Beyond Technology

MNL Solution's aims

MNL Solution aims for every one of its customers to continuously grow and develop technology to make the desired future a reality.

We provide the best IT Service foundation and solutions for the needs of our customers in order to build and sustain partnerships for a successful future together.

Table of Contents

1. Company Information
2. History
3. Business Area
4. Best Practices

1. Company Information

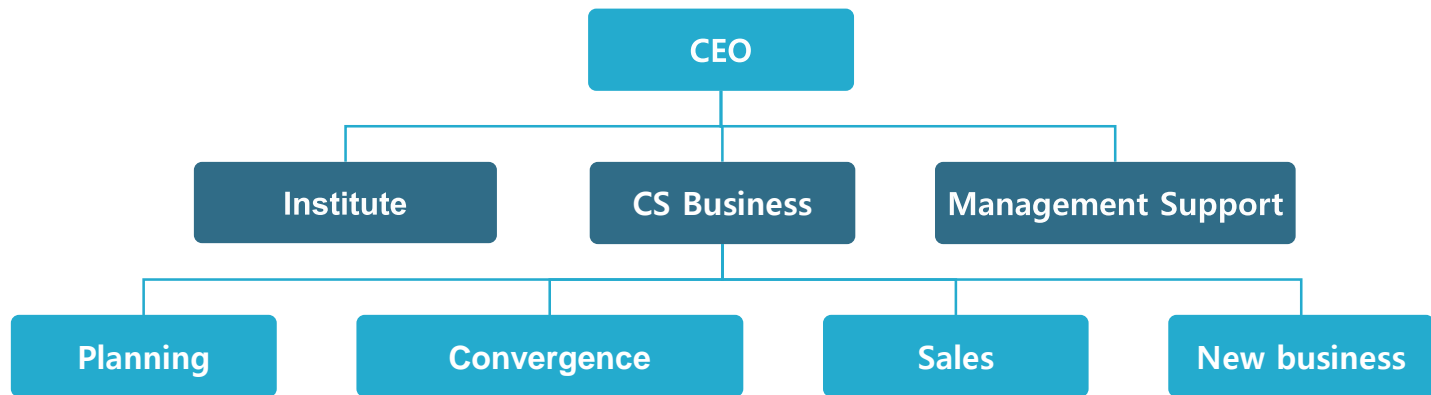
- Creative Solution Technology Integrator – MNL solution

Company Name	: MNL Solution co., Ltd
CEO	: Hyok Lee
Business License	: 107-86-93478
Address	: #1806, 288 Digital-ro, Guro-gu, Seoul, Republic of Korea (Guro-dong, Daerung Post Tower 1-cha)
Established	: July 19, 2007
Business conditions	: Service, Wholesale and Retail
Type of business	: Consulting & Promotion, Development of mobile solution and contents, Computer Equipment
Employees	: 35 members (as of July 2014)

1. Company Information

- Creative Solution Technology Integrator – MNL solution

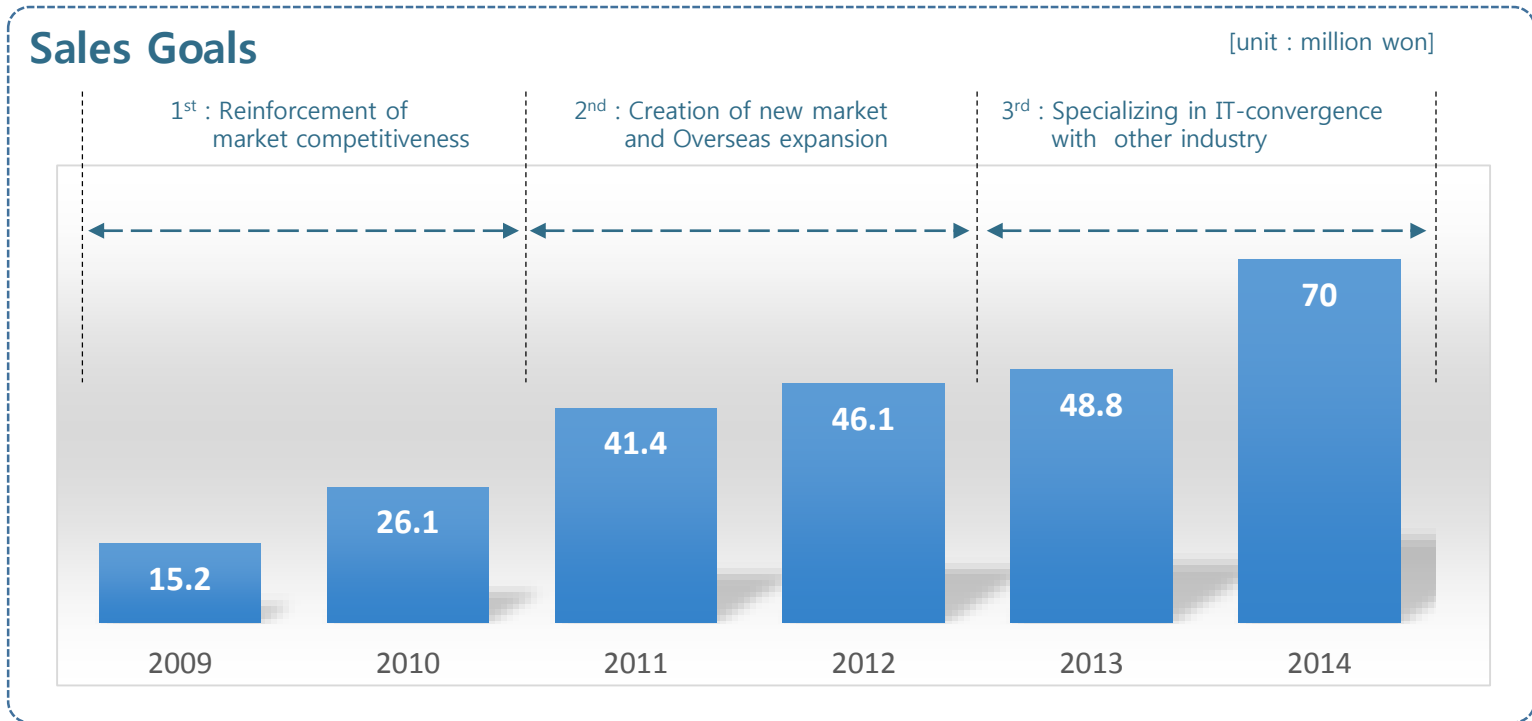
Organization



1. Company Information

- Creative Solution Technology Integrator – MNL solution

MNL Solution has experienced "High Growth" every year since it was founded in 2007, and consistently pursues to combine IT with other various industry on the basis of Mobile/Contents skills.



2. History

- 2014
 - 02. ChatON LIVE/Shop Platform of Samsung Electronics
 - 01. Enhancement of Samsung Always CHP/Recommendation Service
 - 01. Competitiveness Reinforcement for Hoppin & Unified CMS & T-Store of SK-Planet

- 2013
 - 12. Flat Fare System of SK-Planet
 - 10. Always CHP / Recommendation Service of Samsung Electronics
 - 10. Development of Integration CMS & Hoppin of SK-Planet
 - 08. ChatON LIVE/Game Platform of Samsung Electronics
 - 07. Samsung Galaxy S-Health App of Cheil Worldwide Inc.,
 - 07. Certification of Excellence in Employee Invention Compensation
 - 05. Future Convergence Service Model (Electronic Receipts) of KISA (Korea Internet and Security Agency)
 - 03. Design of Samsung Always Big-data (Hadoop)
 - 02. ChatON LIVE/MOMT of Samsung Electronics
 - 01. Singapore WMS of Samsung Electronics

- 2012
 - 10. ChatON LIVE/Feed Platform of Samsung Electronics
 - 06. Technology Innovation Business (Cloud Interworking between Different Devices) of SMBA
 - 06. Source Technology Business (Home-Cloud Service) of MOTIE (Ministry of Trade Industry & Energy)
 - 05. ChatON Contents Platform of Samsung Electronics
 - 04. Construction of Samsung S-CLOUD Storage Platform

- 2011
 - 12. Encoding Automation of SK-Planet
 - 10. T-Store Global Platform of SK-Planet
 - 10. Integration Metadata of SK-Planet
 - 08. SKT Personalization (PA; Personal Assistant)
 - 06. Service Development Consulting of 4th Mobile Carrier (KMI)
 - 04. Certification of INNOBIZ by Innobiz Association

2. History

- 2010
 - 10. Build Consulting of LG Smart-TV
 - 09. SKT Personal Media Platform & DFS
 - 09. Enhancement of SKT Personal Media Platform & CMS
 - 07. eMATE WMOBILE Solution (Mobile Office Solution)
 - 06. Construction of Group Mail-Unification System of POSCO
 - 06. Launching Twitbattle Service (Twitbattle.com)
 - 05. Contract for SKT PE Development
 - 04. Construction of SKT File Distribution System (Mogile FS) PoC
 - 01. SKT Personal Media Platform & CMS





- 2009
 - 10. Virgin Mobile US Wireless Data Portal
 - 05. Certification of Venture Company by Korea Technology Credit Guarantee Fund
 - 04. Offshore Support of Virgin Mobile US Wireless Data Portal
 - 02. Construction of SKT Personal Media Platform & CMS

- 2008
 - 10. Open Service Platform(BADA) & CMS of Samsung Electronics
 - 07. Supporting Maintenance of Helio Wireless Data Portal (United States-based)
 - 05. SKT China Web Application (RSS & Widget)
 - 05. SKT China Beijing Olympics 24-hour Web Portal
 - 03. Offshore Support of Helio Wireless Data Portal System

- 2007
 - 12. Consulting and Construction of SKT BMA Travel Portal
 - 10. Consulting of CHS India's Mobile Solution (Bangalore-based)
 - 09. Supply Telibrahma's Solution (Bangalore-based)
 - 08. Innovation Consulting of SKT Infra Platform
 - 07. Establish MNL Solution co., Ltd

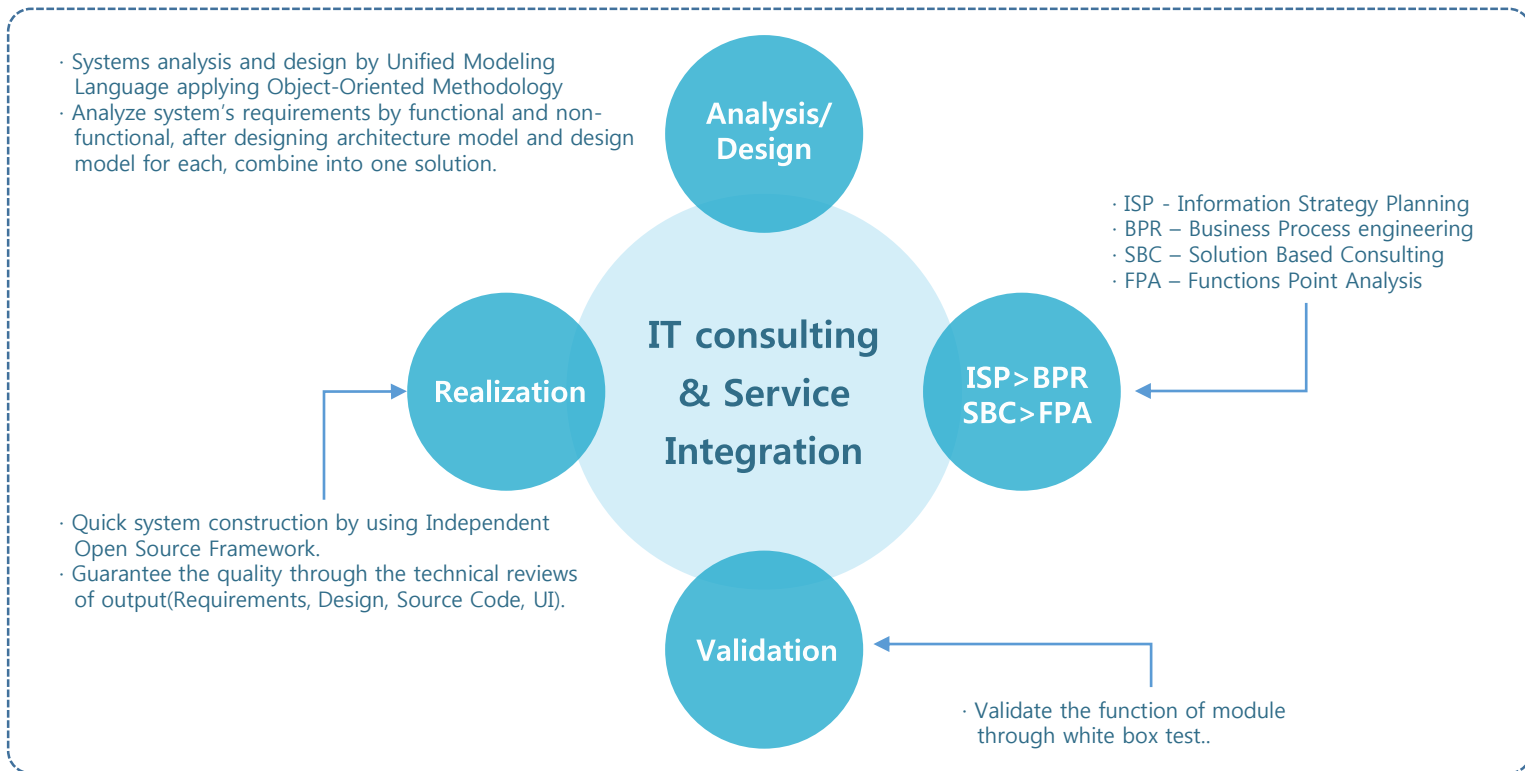
3. Business Area_Solution

On the basis of stability of media content technologies which verified from internal and external telecommunications business operator, MNL Solution constantly offers the best solution for its customers.

			
<p>Cloud computing Service Platform</p>	<p>Multi Screen conversion Solution</p>	<p>Wireless & On-line Contents Platform</p>	<p>Smart Phone Solution</p>
<ul style="list-style-type: none"> · Cloud based distributed file system · HTTP Progressive Streaming/DL · Wideband HTTP Live Streaming (iPhone/iPad Correspondence, Ultra wideband transmission) 		<ul style="list-style-type: none"> · Ingestion · Sorting · Storage · Distribution · Administration 	<ul style="list-style-type: none"> · Mr. SAM (Integrated messaging service for enterprise) · GPRS (IT+Distribution) · Mupoon (IT+Music)

3. Business Area_SI

MNL Solution consist of experts on S/W development and H/W construction and offers optimal SI service and IT consulting.



4. Best Practices

- ✓ ChatON LIVE Platform (B2B connection service)

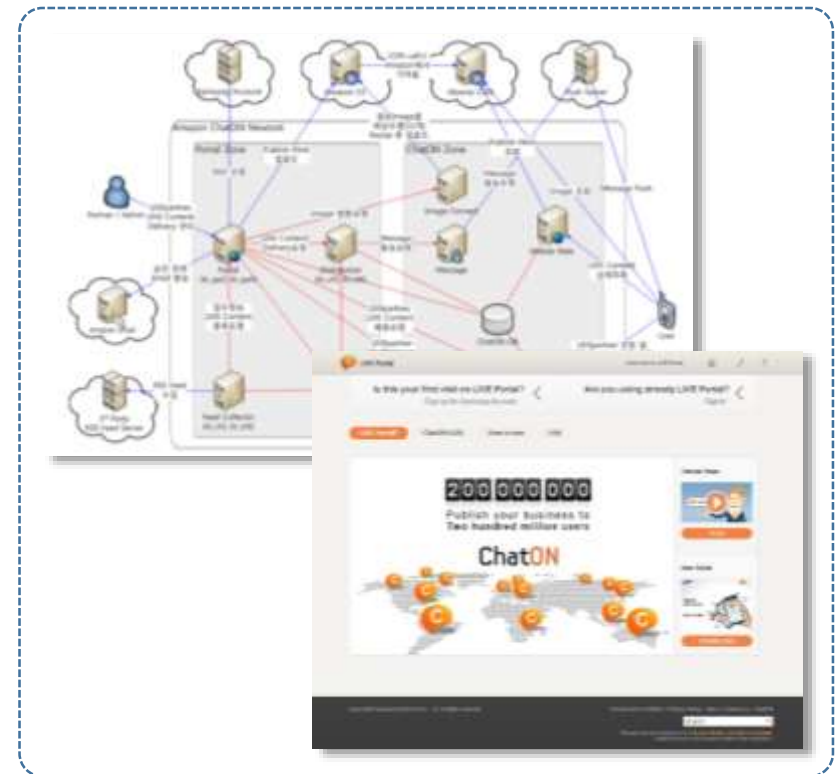
Samsung Electronics

ChatON B2B connection service platform

- Contents registration/distribution/management support service

Various services for the individual customer on the open market platform

- Design and realization of open PaaS/SaaS structure
- Offer to interworking interface between existing legacy system
- Open marketplace platform construction



4. Best Practices

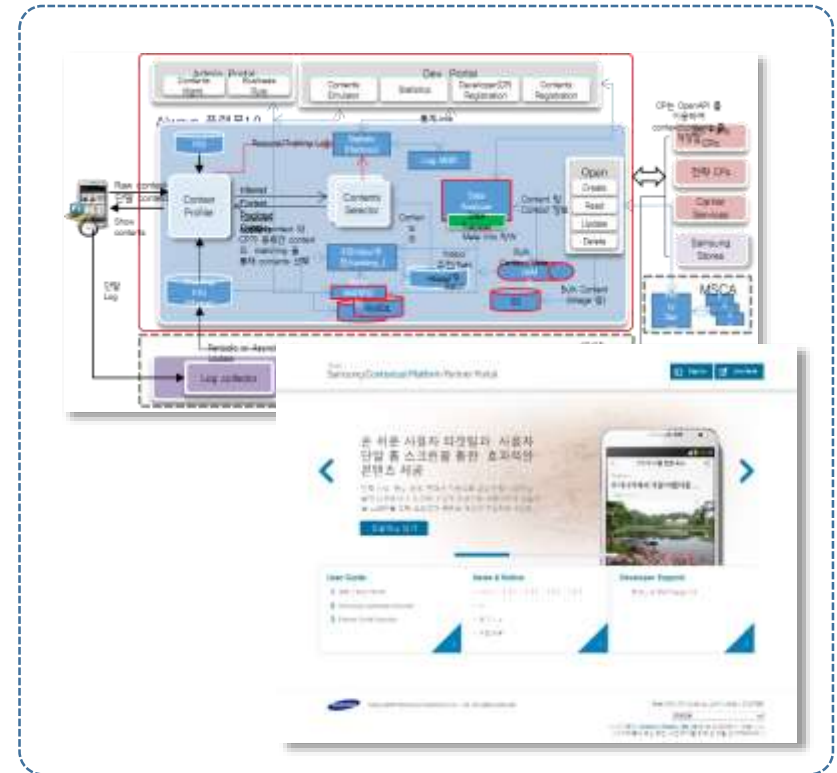
- ✓ Always (Recommandation service)

Samsung Electronics

Individual magazine of flip-board style by utilizing home screen

- Content recommendation service to customer designed categories.
- Provides defined Open API for partner and provide contents which meet the requirements

Provides dynamic and static feed contents by utilizing big data architect



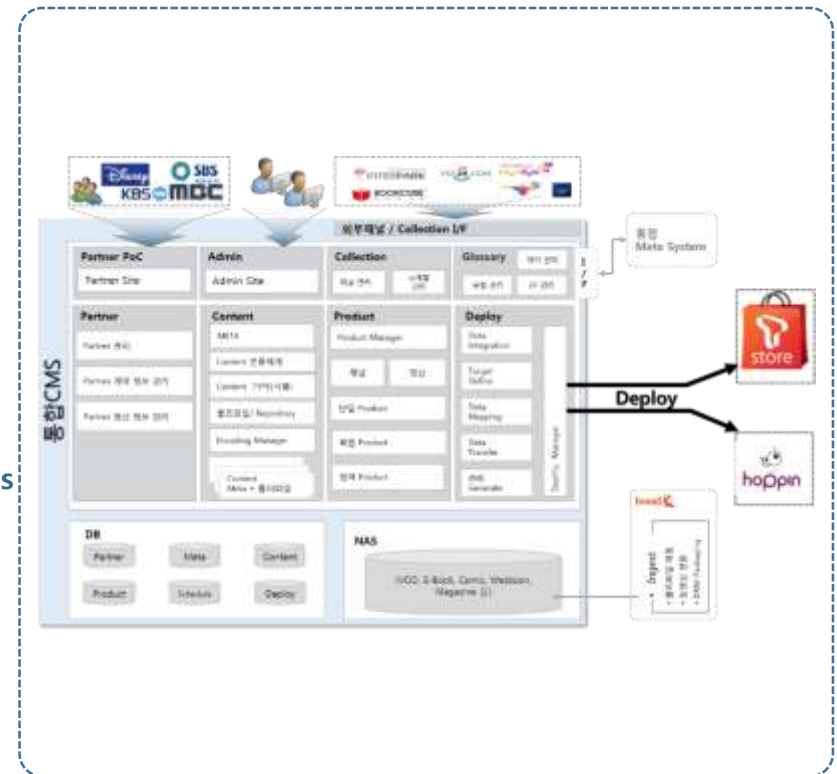
4. Best Practices

- ✓ CMS (Integrated content management system)

SK Telecom

Multimedia CMS Construction of SKT

- Management support in Multimedia contents (VOD/E-book/Magazine/Webtoon etc.) which is provided by T store and Hoppin
- Provide the meta-standardization of multimedia contents
- Support the various products (single/multiple/cum etc.) in accordance with content type
- Simplify the registration-delivery process of TV program



4. Best Practices

- ✓ Personal Assistant (Personal recommendation service)

SK-Telecom

Construction of personalized recommendation service of SKT PMS(Personal Media Service)

- Analyzes customer's life-log and recommend contents in conformity with situational keywords
- Automatic classification after gathering content of affiliated company
- Utilizing the CF Algorithm which is high reliability and maximize probability of recommendation



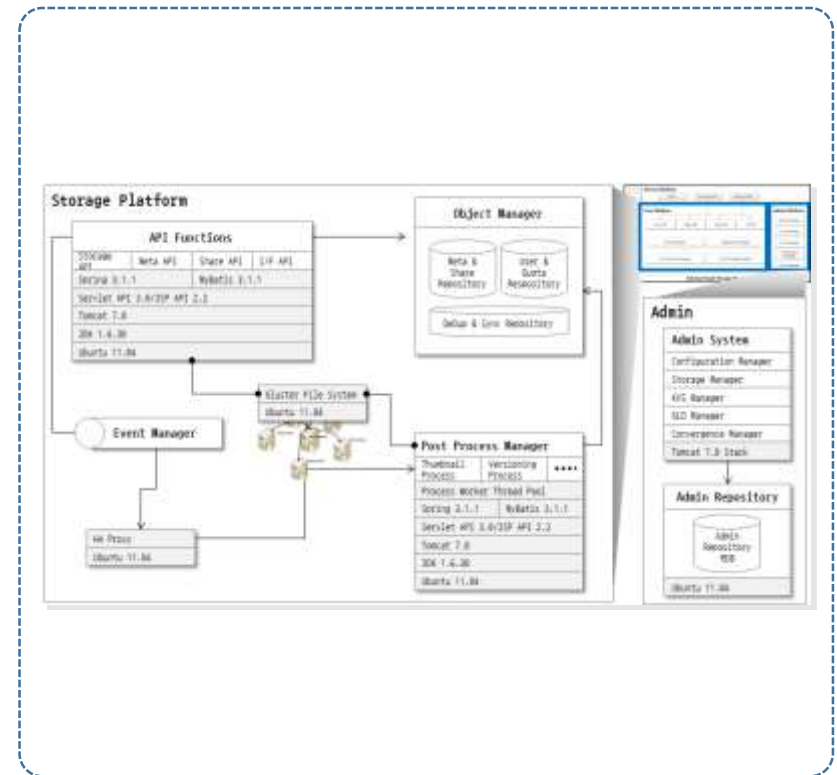
4. Best Practices

- ✓ S-Cloud (Personal cloud service)

Samsung Electronics

Personal cloud service of Samsung Electronics

- Effective integration and interworking between existing platform (Provide Open API)
- Construction of standardize system on operating environment
- Realization of Time-To-Market through the independence of the component-based module



4. Best Practices

- ✓ Mr. SAM (Smart app messenger)

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Deviating from dependent SMS form of mobile carrier, user deliver the message through the mobile application

- User's usage is same as existing message service
- User who install app receive the message, user who doesn't install app receive the sms.



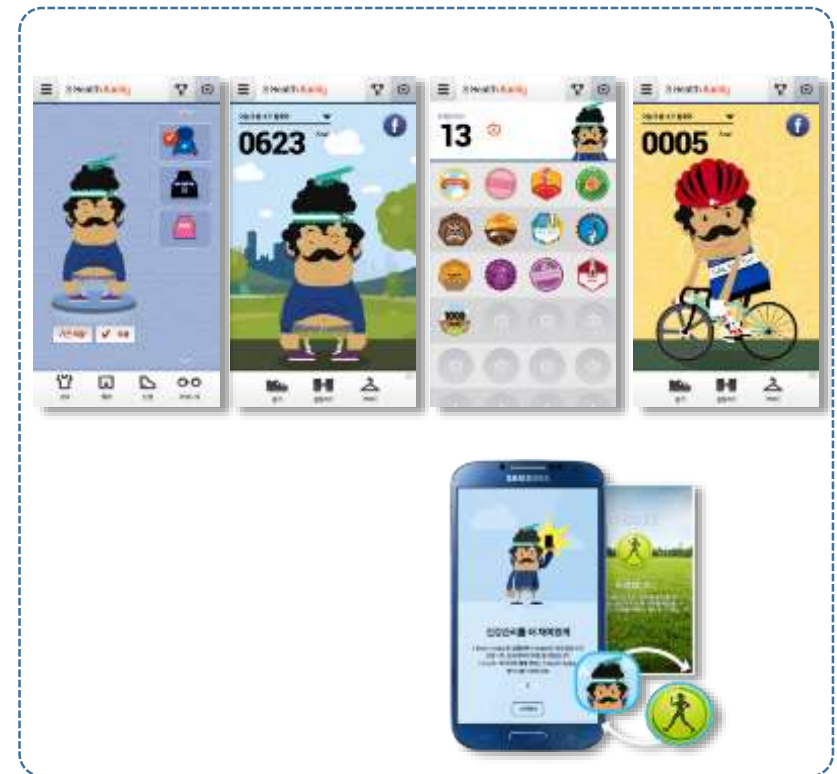
4. Best Practices

- ✓ S-Health (Smart health concierge)

Cheil Worldwide Inc.

Developed for Samsung Galaxy S4 Promotion
(Launched in May, 2013)

- Convenient installation support by utilizing earcap
- Add the fun element in various sports function



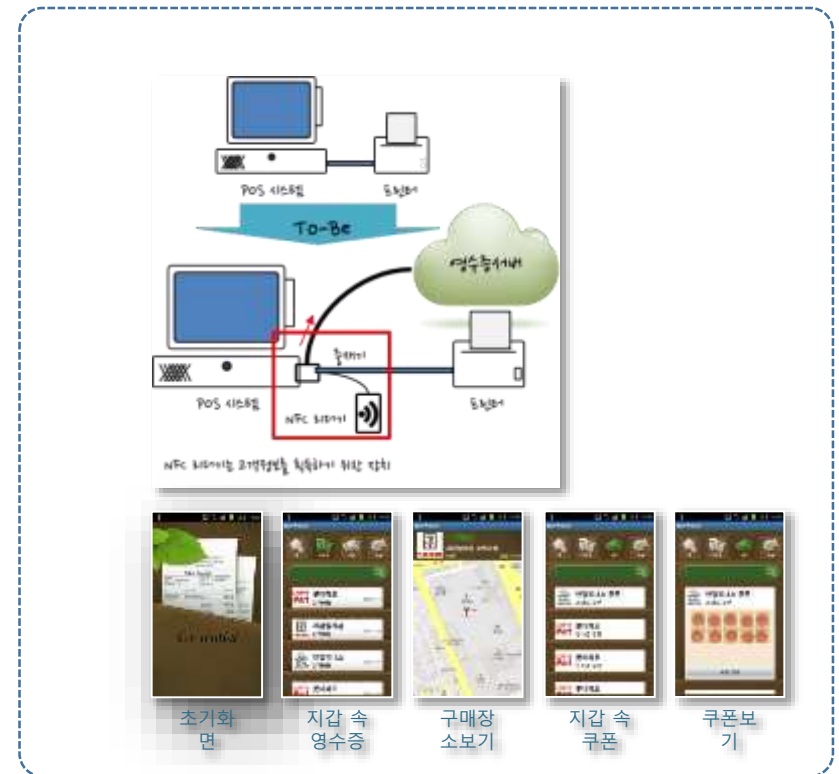
4. Best Practices

✓ Green Paperless Receipt Service (Electronic receipt service)

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Electronic receipt service which easily transmits paper

- GPRS is readily available after installing NFC Reader to POS System
- It is selectable that receipts is transmitted to NFC-enabled smartphone or NFC Card



4. Best Practices

- ✓ Mupoon (Music player service)

MNL Solution

PC-based Music Player (Support various OS, Cross-platform development environment)

Search for various music on the internet/cloud and share and listen to music for free

Open Source-based Tomahawk Service is changed into an exclusive K-pop

- Support korean language, Provide latest music information and music search service in tandem with domestic music charts (MelOn, Mnet, Soribada)



Although MNL Solution started in the Mobile area,
We make a happier and better life by service development of expanding meaning of 'M'.

