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Indoor and place-based marketing





Case study: Indoor Location Services in diverse venues

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Korea, Republic of

Facts & Figures

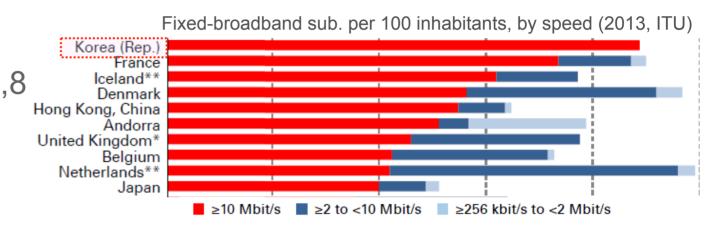
Population: 50.4M

■ GDP per capita: \$30,8

High Speed Internet: 18.9M

Mobile Subscribers: 54.7M

Smartphones: 38.4M



Recognition

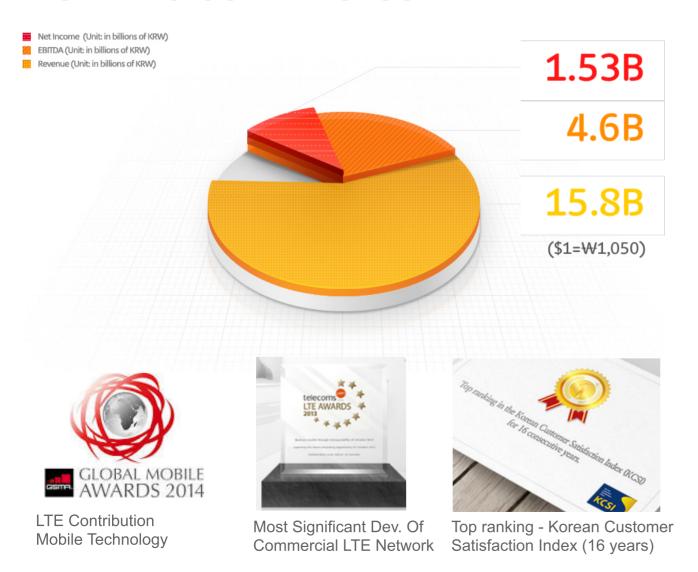
- ITU ICT Development Index (2013): No. 1
- UN E-Readiness Index (2013): No. 1

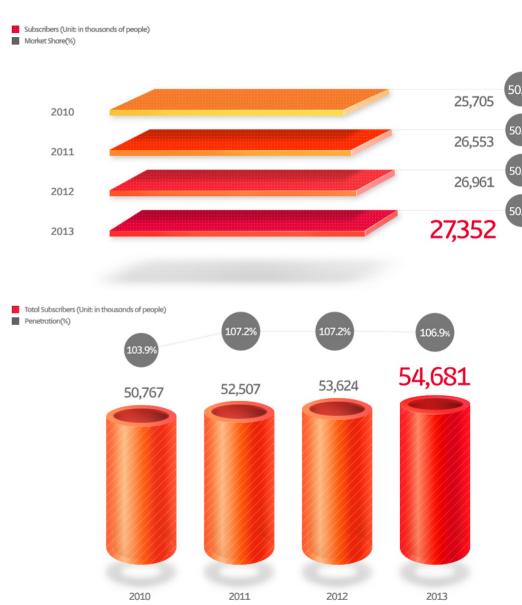
ICT Development Index (2013, ITU)]

Economy	Rank 2012	Skills 2012	Rank 2011	Skills 2011
Korea (Rep.)	1	9.86	1	9.86
Finland	2	9.80	2	9.80
United States	3	9.65	3	9.65
Greece	4	9.55	4	9.55
Belarus	5	9.48	5	9.48



SK Telecom No. 1 Telco in Korea







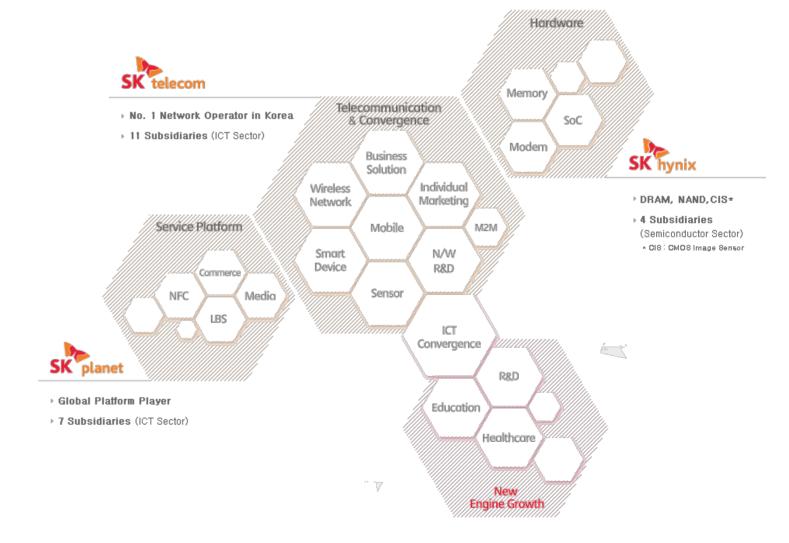
SK Telecom

"Vision 2020: Partner for New Possibilities"

Telecom

Platform

New Growth





Location-based Service (LBS) Key Service for Telecom... historically













"Lost in hospital"

Patient Guide Service

Best Guide











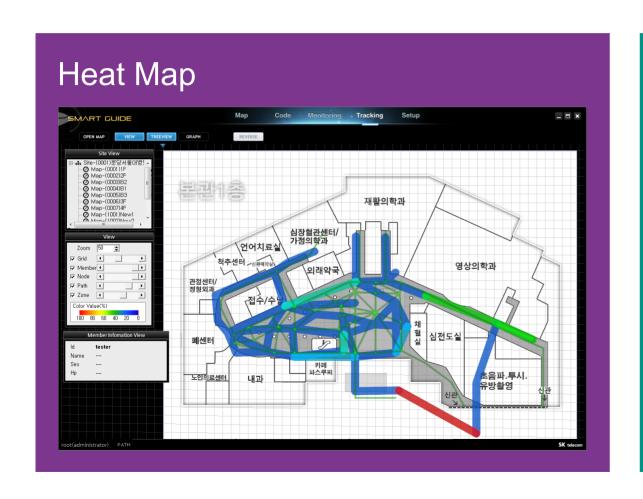
Main POI Navigation To-Do

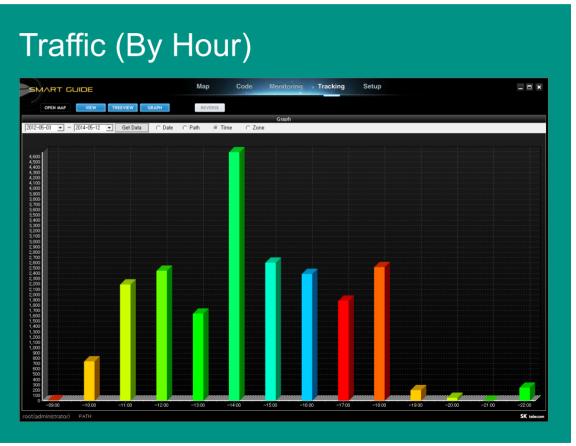


"Indoor Navigation"



Location Analytics Basic Stats





Lessons Learned





- User Satisfaction ~80%
- Great Response from Young Generations
- Increased Productivity by Hospital staffs & volunteers
- Ease of Installation



- Difficult for Active Marketing
- Difficult for remote Maintenance & Support
- Longer Battery Life (Beacons)
- Start from scratch for other venues

Change of Approach



Fast Deployment



Options for clients



Cloud-based



Enabler Components BLE Beacons for diverse venues

Pervasive Design



For Check-in

Brick & Mortar Retail Shops

Longer Battery Life



For Check-in & Navigation
Hospitals, Airports,
Shopping Malls

Temporary Usage



For Check-in & Navigation Exhibitions, Galleries

Durable



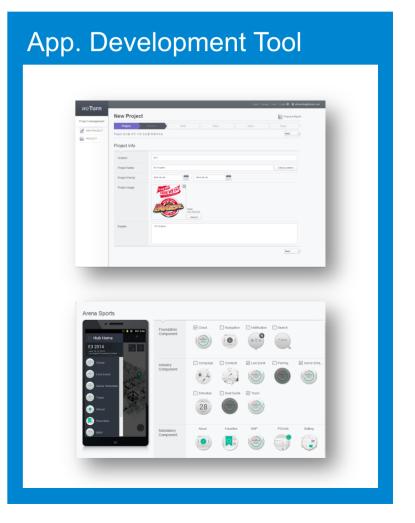
For Check-in & Navigation
Arena, Stadium, Concert Halls



Enabler Components Development Tools



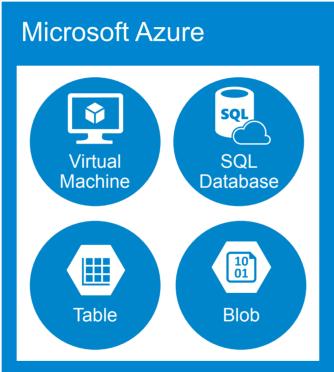






Enabler Components Microsoft Partnership





Open API Web POC Map Positioning

Joint Efforts

- Proof of Concept (South East Asian Country)
- Microsoft Technology Center
- Joint Marketing
- And more...





Professional Basketball Arena





Requirements





Operational Efficiency

Tight Schedule



SK Knights Implementation









Cloud (Microsoft Azure)



SK Knights

Application Images (Seat Guidance)











SK Knights

Additionally... Live Events (e.g. Fun Photo)

Before



















After









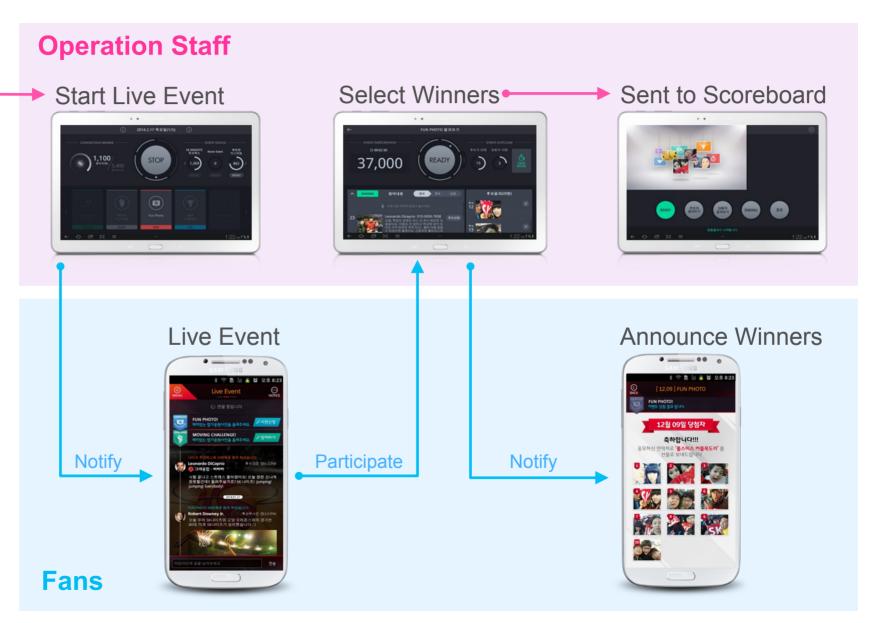




SK Knights Solution

Create Live Event









Requirements



Fan-centric



Location-based



Operational Efficiency



Results

- Increased Fan Participation in Live Events
- Informative → Interactive (SNS)
- Seat Guidance
- Live Events (targeting audience)
- Reduction in manual operation (cost down)
- Ease of Operation (tablet-based)
- Build 3D Digital Map in days
- More time on Planning than Implementation

Current Activities

More venues (Exhibition, Retail, Movie Theater, Bookstore)

Exhibition Basic Service



Registration



Mobile Ticket, Profile

Information



About, Exhibitors, Conference/Seminar, Notification

Campaign

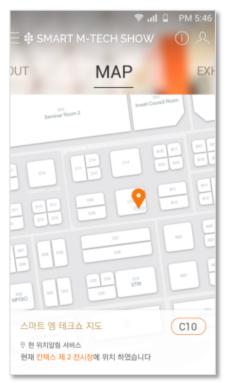


Events, Bulletin Board

Exhibition Location-based



Map



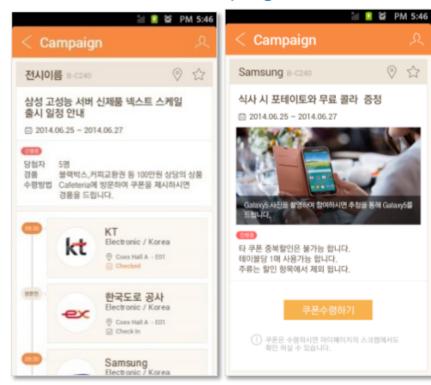
My position, POI Search Navigation

What's

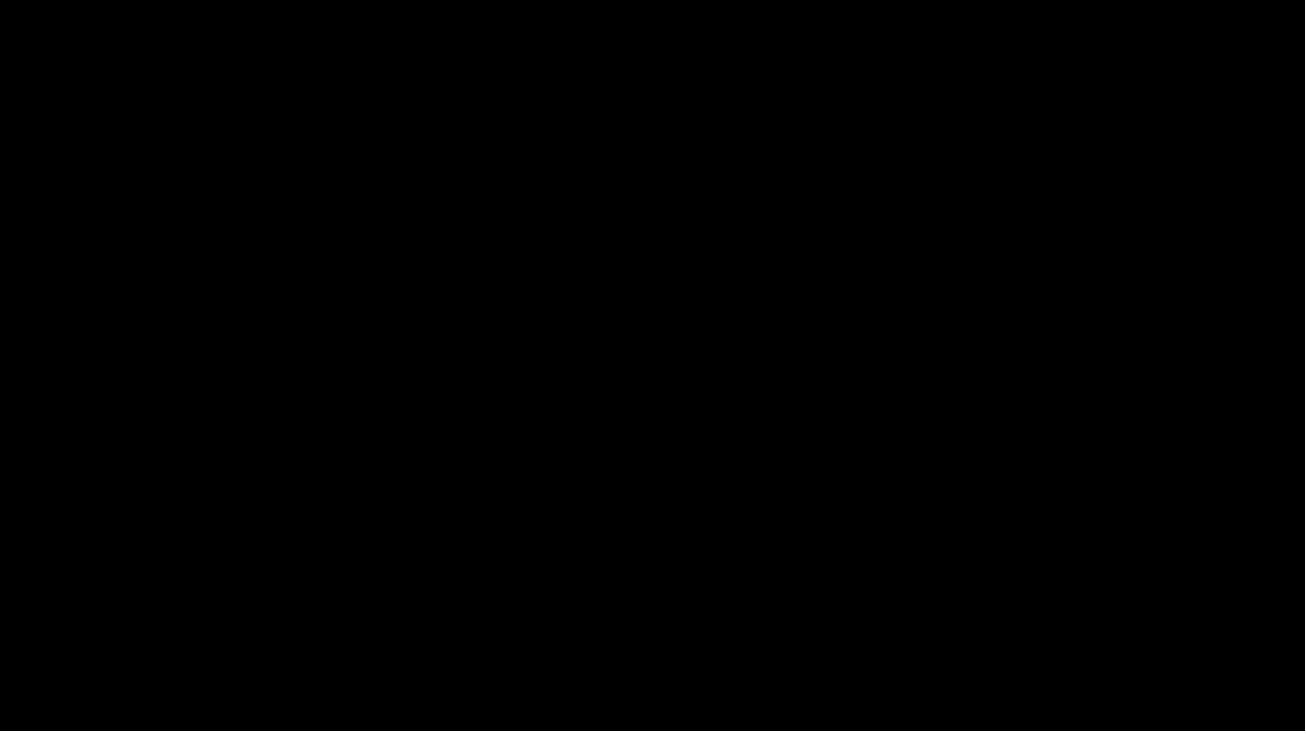


User-centric Widget, Location-based Info

Location-based Campaign



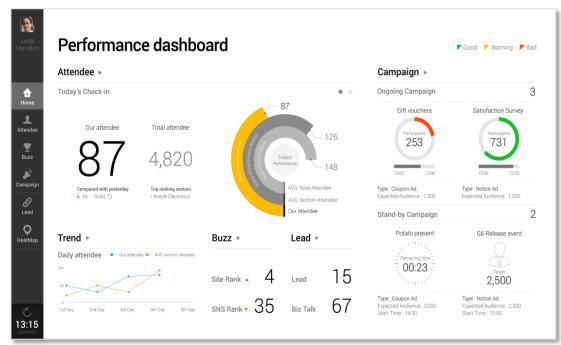
Booth Check-in, Promotion Events



ExhibitionFor Exhibitors

SK telecom

Performance



Attendee, Heat Map, Check-In, Hold Time, Survey, etc.

Campaign Result



Performance, Status, Analysis



Retail Check-in based Service emart

Membership



Credit Card



Coupon



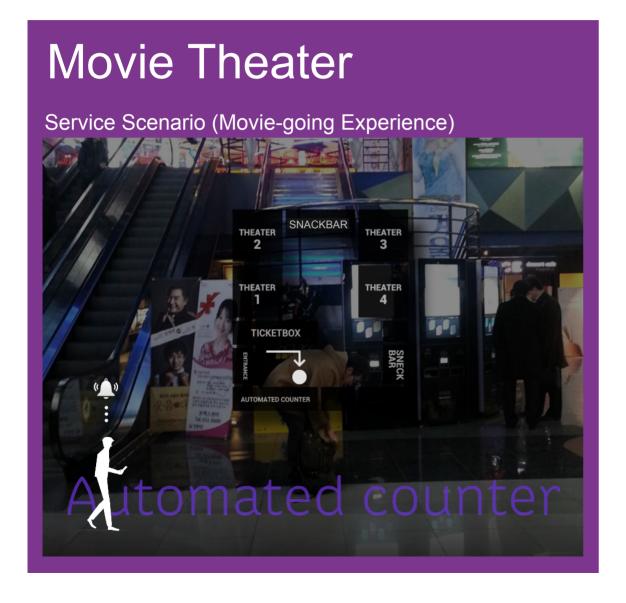
Discount Summary







More Venues



Bookstore

e-Book Guide



Book Search



e-Book Free Trial



Promotion



Collaboration

Global Initiatives



Wearable Device



- Headquartered in Herndon, VA (outside of Washington DC)
- Software Company specializes in Smart Glass Platform

"Skybox" (Google Glass)

- Verizon Center, Washington DC (Monumental Sports & Entertainment)
- Real-time Game Stats, Multi-camera Hi ghlights, Social Media
- Capitals(NHL), Wizards(NBA) and more





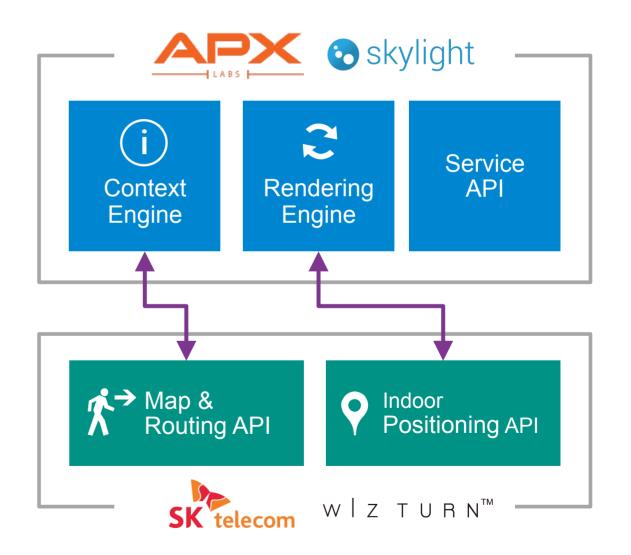




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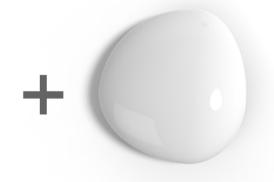




Marketing Tool L'OREAL Madrid Flagship Store (by Airtouch Media)









Recent News

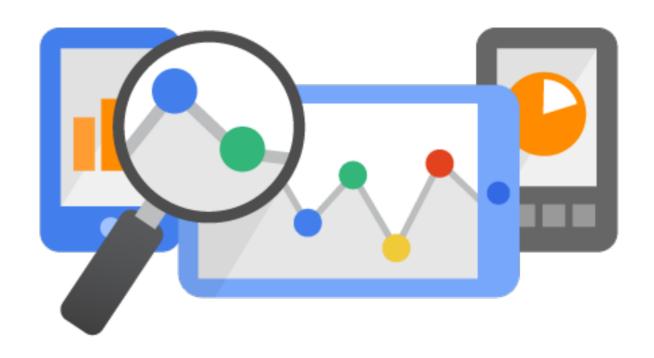
Seoul National University Bundang Hospital and SK Telecom export medical IT worth KRW70 billion to Saudi Arabia...first large-scale export in history (2014/07/01)

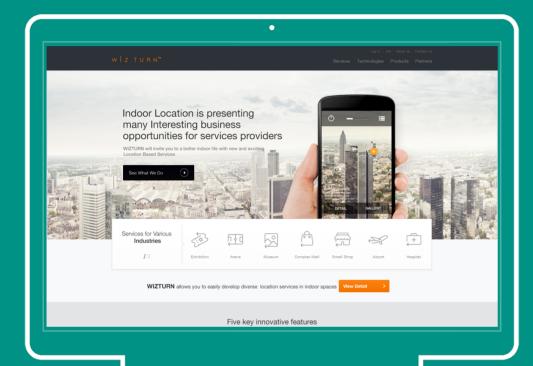






Analytics & Location Intelligence







Call for Collaboration

http://www.wizturnhub.com