

ENCORED

PRESENTATION

ENCORED Technologies



꿈을 현실화 하기 위하여

ENCORED began with investment funding from Silicon Valley



Seoul Office



San Francisco Office



NAVER fund



ENCORED는 전혀 다른 DNA를 가지고 있습니다

에너지 전문가 뿐만 아니라, 수학자, 통계학자, 심리학자, 컴퓨터과학자로 구성된 회사입니다



- Energy expert
- Data Scientist
- Cloud Computing
- Embedded Hardware
- Sales
- Strategy
- Contents Platformer
- Design & Artist



Alcatel-Lucent
Bell Labs



Energy
DATA



Big Data
PLATFORM



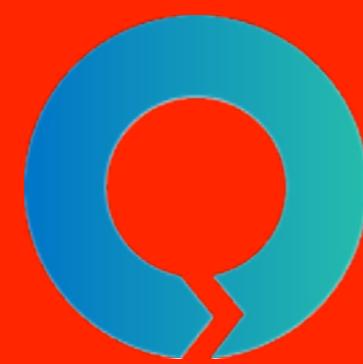
Analytics
SERVICE



From Home(indoor) to Office(outdoor)

생활에너지 플랫폼 No.1 기업

VISION



PLATFORM
ENERTALK
ENERGY PLANNER

개방형 생활 에너지 플랫폼

High cost-competitive Platform in the Cloud



인터넷

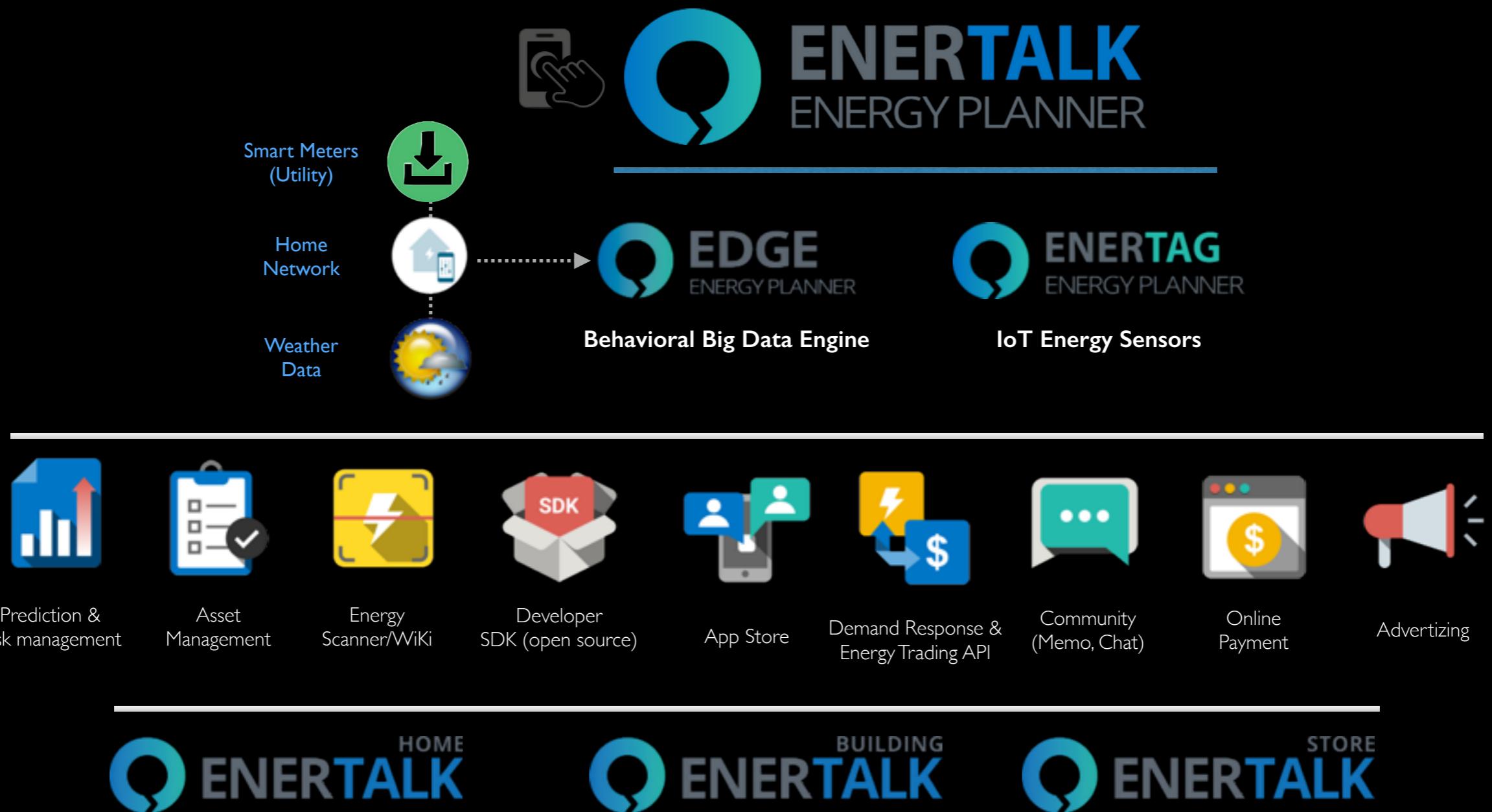


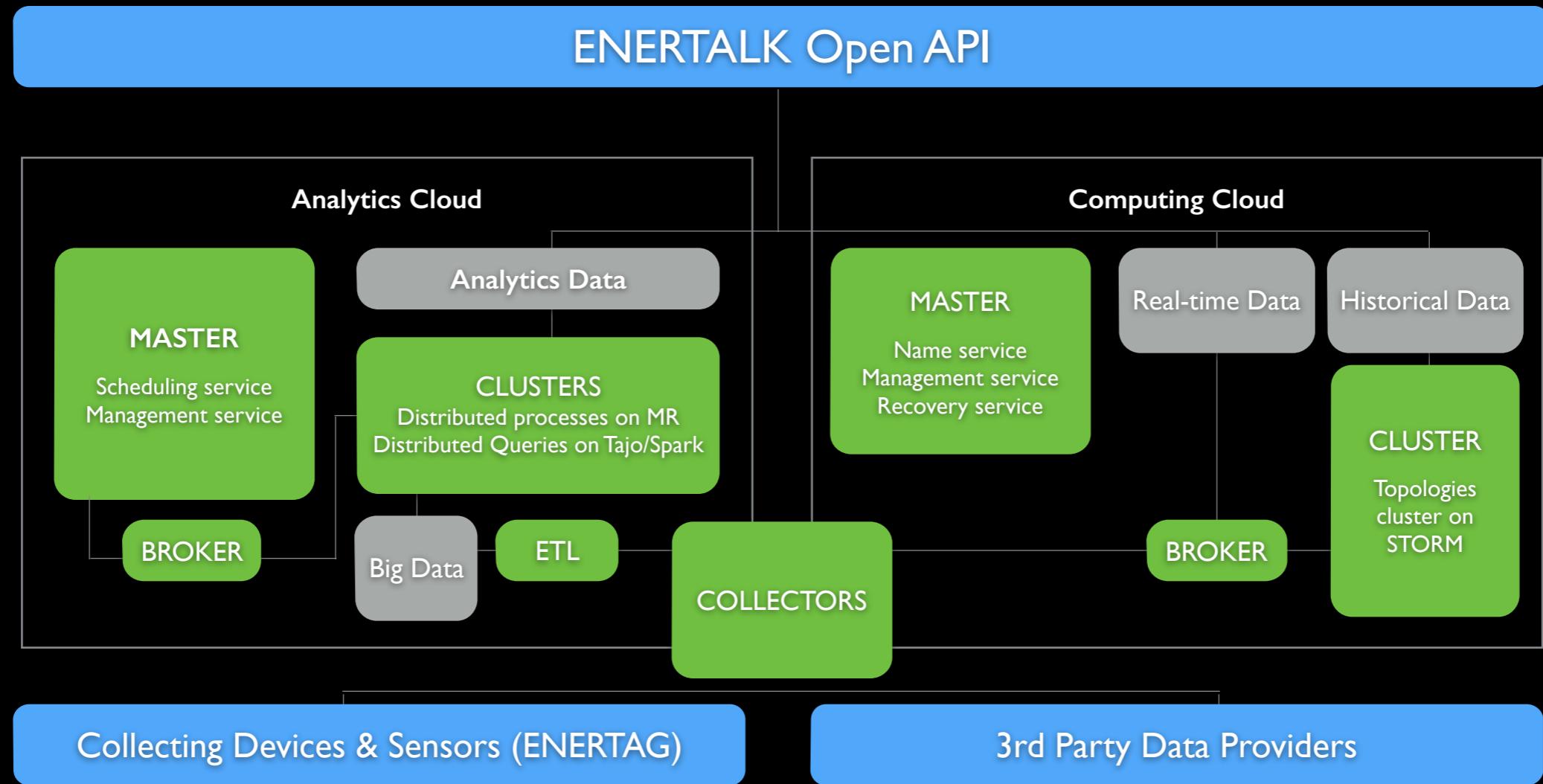
모바일



빅데이터

OPEN ENERGY PLATFORM for lifestyle



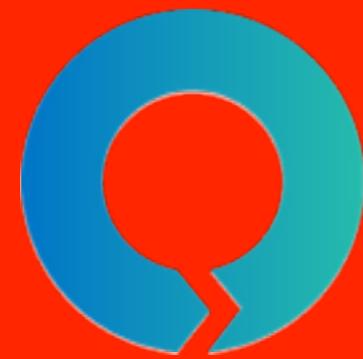


**CELL구조의 유연하고 확장성이 강한 플랫폼
(Scalability, Availability)**

**Distributed Naming
Dynamic Queue Routing
Automatic Recovery**



ENERTAG
ENERGY PLANNER



사물인터넷 에너지 센서

심플한 디자인

세상에서 가장 작게
모든 것을 하나로

가정용

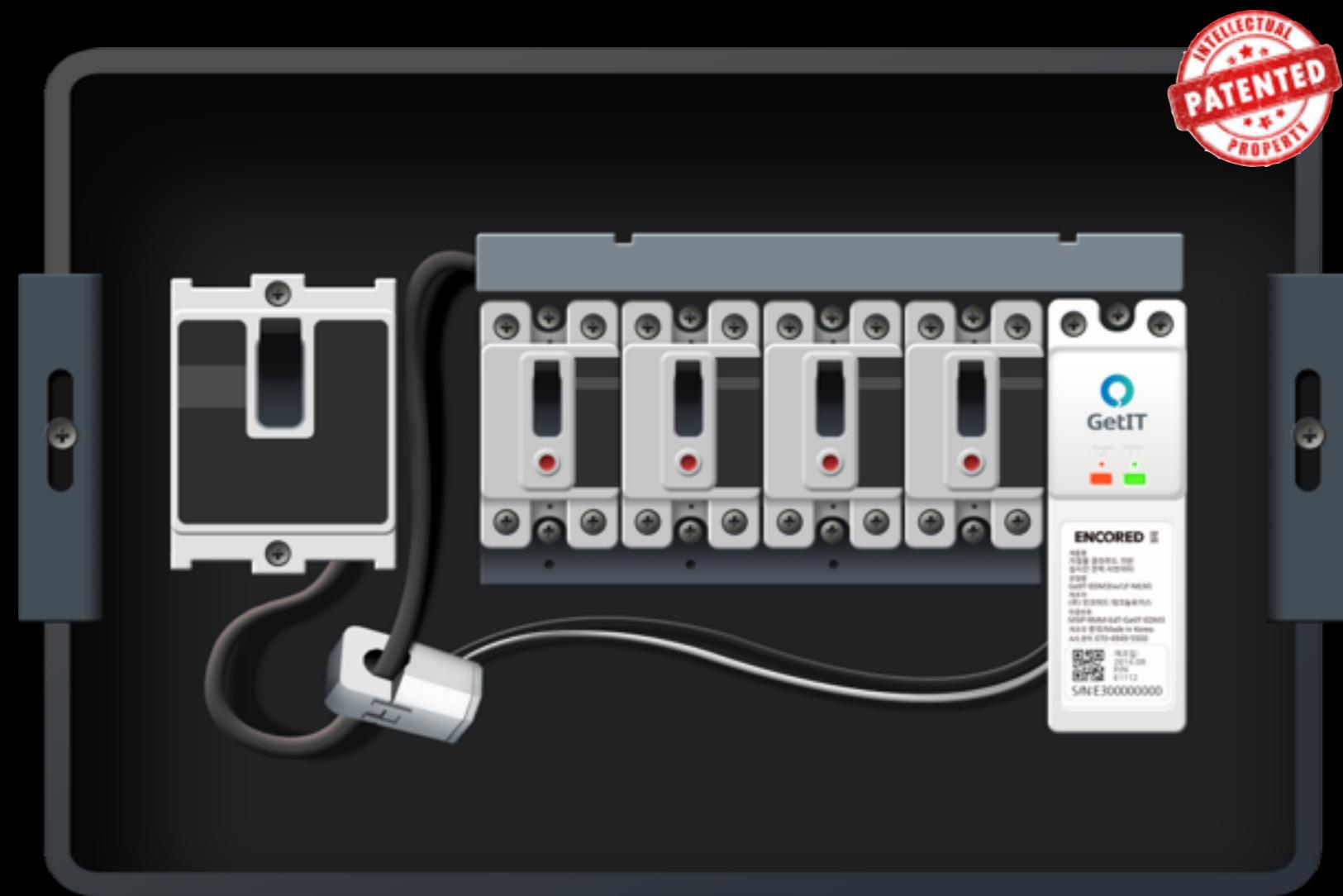


최저가 실현 (Micro-BEMS/fEMS)

빌딩용



간단한 설치



주요 서비스

모바일 서비스



실시간 (1초)

목표관리

예측관리

이웃비교

미니 메모

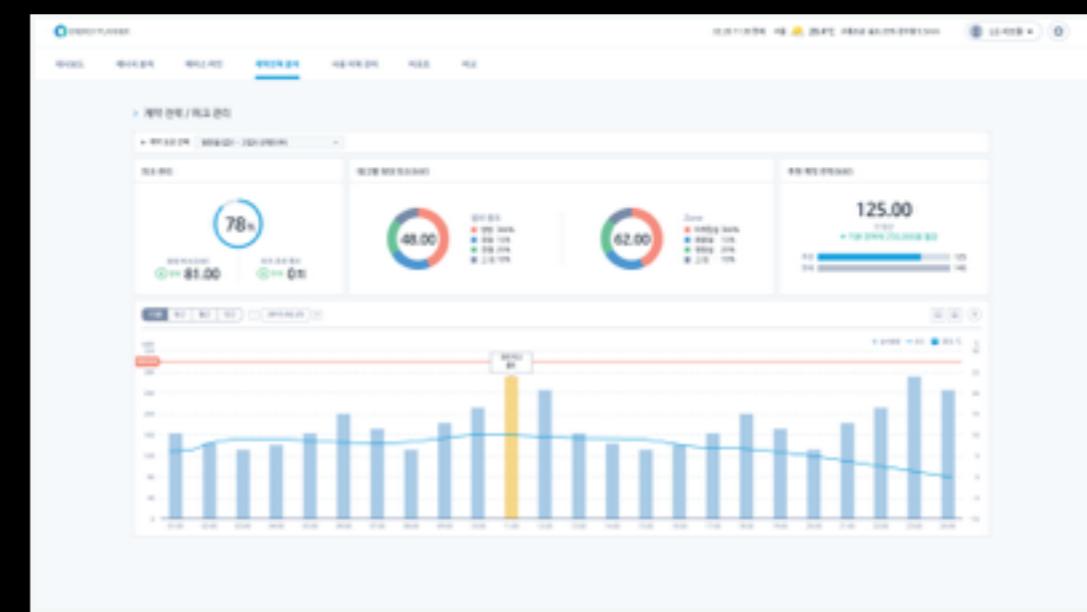
원격 업데이트

REAL-TIME & PREDICTION

Risk management of energy use

Progressive rate
for HOME

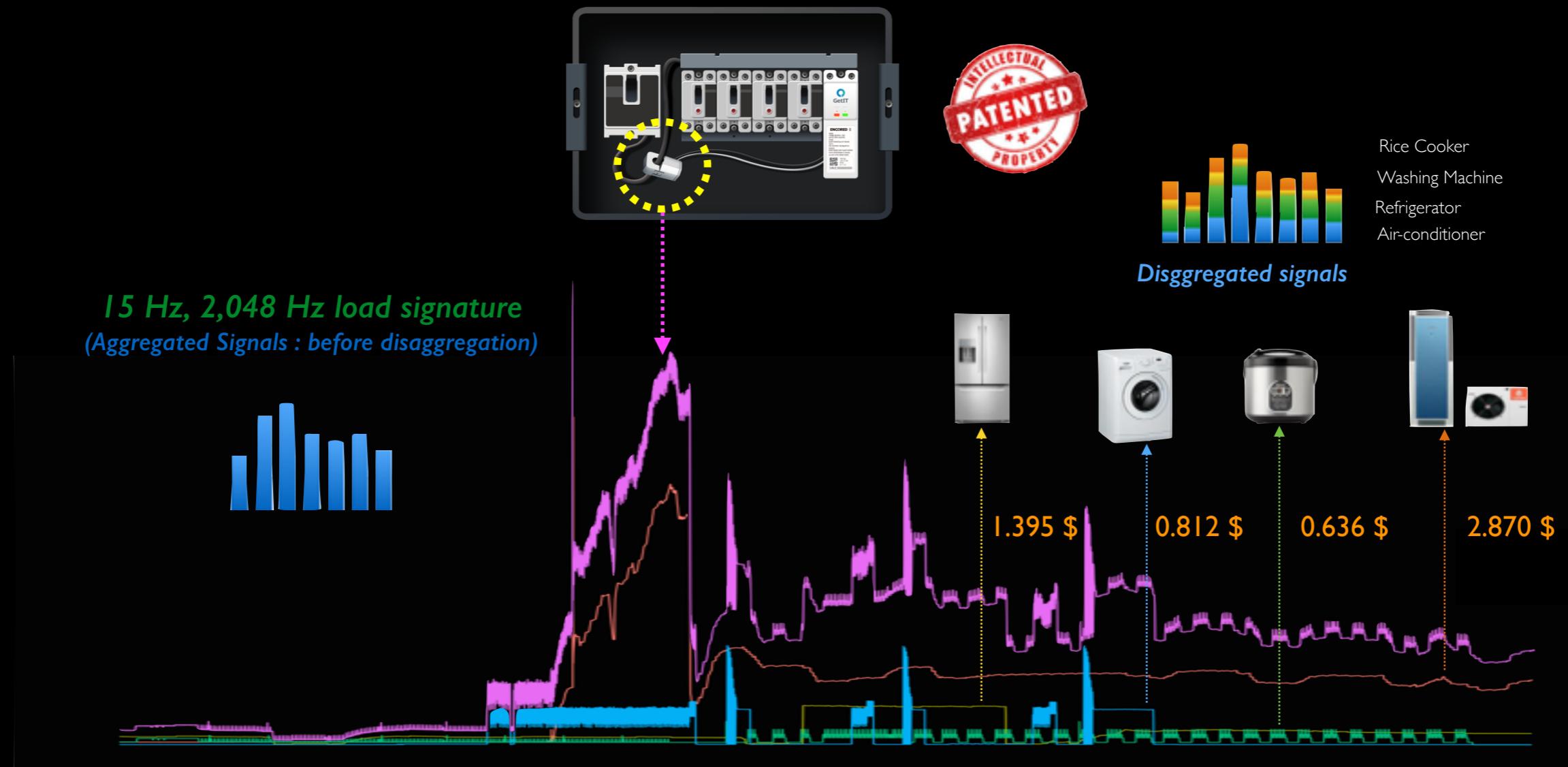
Peak Demand
for Building & Industry



Real-time Data

참여형 에너지 지문기술 Target Energy Disaggregation

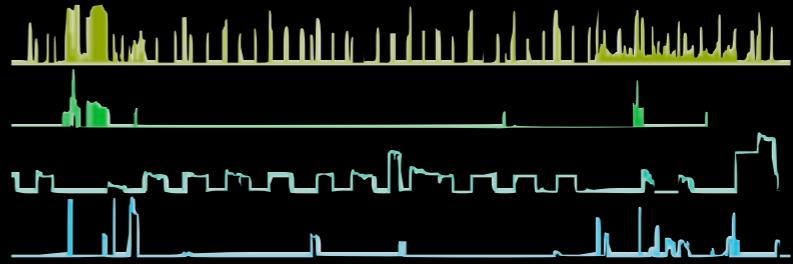
가전기기는 디지털지문을 남깁니다 : **One Sensor**로 3초 이내 찾아냅니다



가전기기회사와 협약/등록된 모델에 대하여 서비스 (참여형 에너지지문 정책)

AGING & LIFE management

Adaptive management of home appliances



Real-time energy consumption visualization of home appliances via bar-code or QR code

Scanning by ENERGY SCANNER App

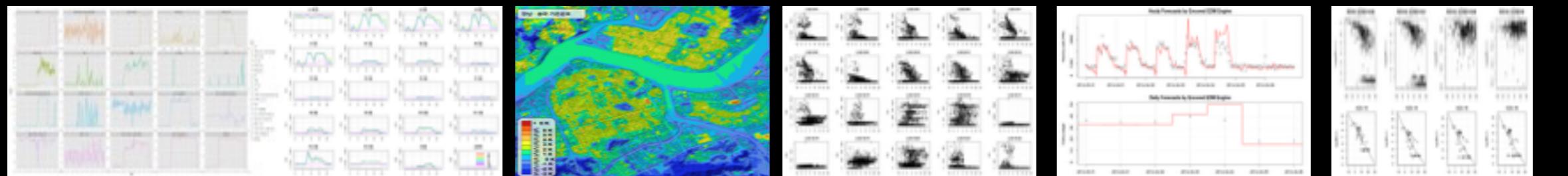
대시보드 서비스 (빌딩,프랜차이스용)



특화 서비스

단계적으로 서비스 런칭을 합니다

빅데이터 분석 피드백



가전기기
Load Signature

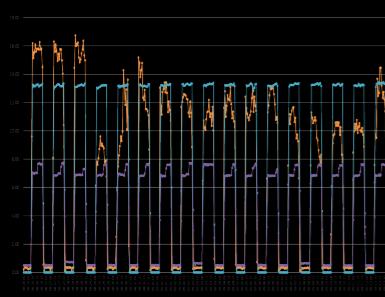
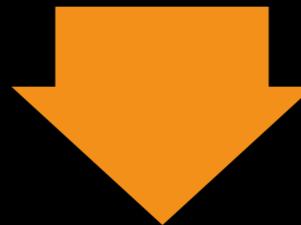
가전기기별
사용자 Behavior

기상데이터

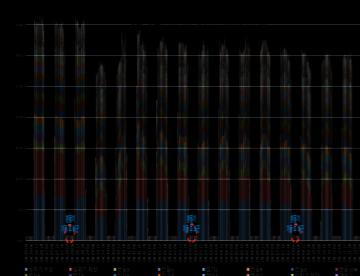
가전기기별
온도민감도

가전기기
실제 동작패턴

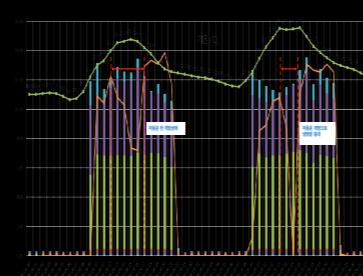
가전기기
피더별/시간대별 민감도



구역별/층별
에너지 사용량 변화



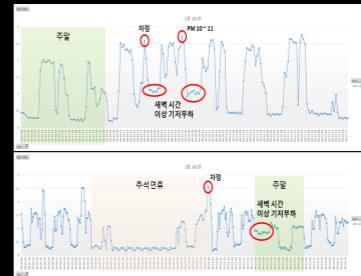
부하별/가전기기별
에너지 사용량 변화



피크 예측 관리



비정상적 대기전력



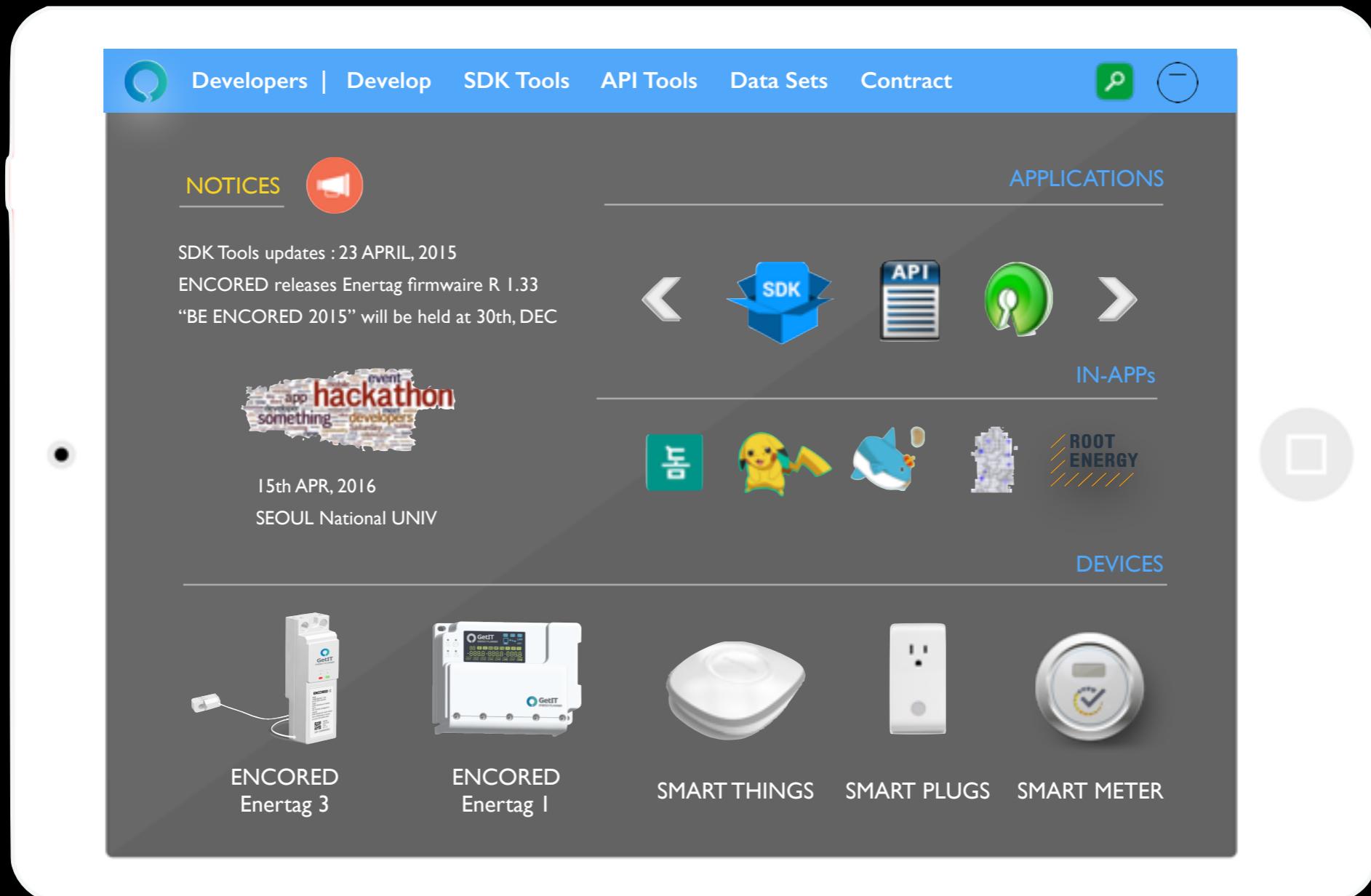
비정상적 에너지 습관



히트맵

APP STORE & IN-APP SERVICE

Create the **ECOSYSTEM** for developers to sell devices and applications



협력 서비스

Realize "Fun & Smart Life Style"

가전, 통신, 모바일 및 스마트홈 기업과의 협력 (콘텐츠 및 고정밀 참여형 에너지 지문기술)



Home appliance



Smart Lighting



Smart Boiler



System Aircon



Rice cooker



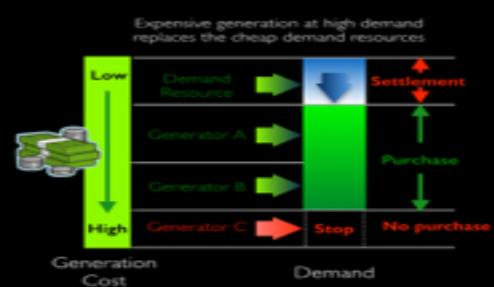
Mobile media
(outdoor data)



Smart home /
Home Network



Security



Energy Trading &
Demand Response Market

에너지 기부 프로그램

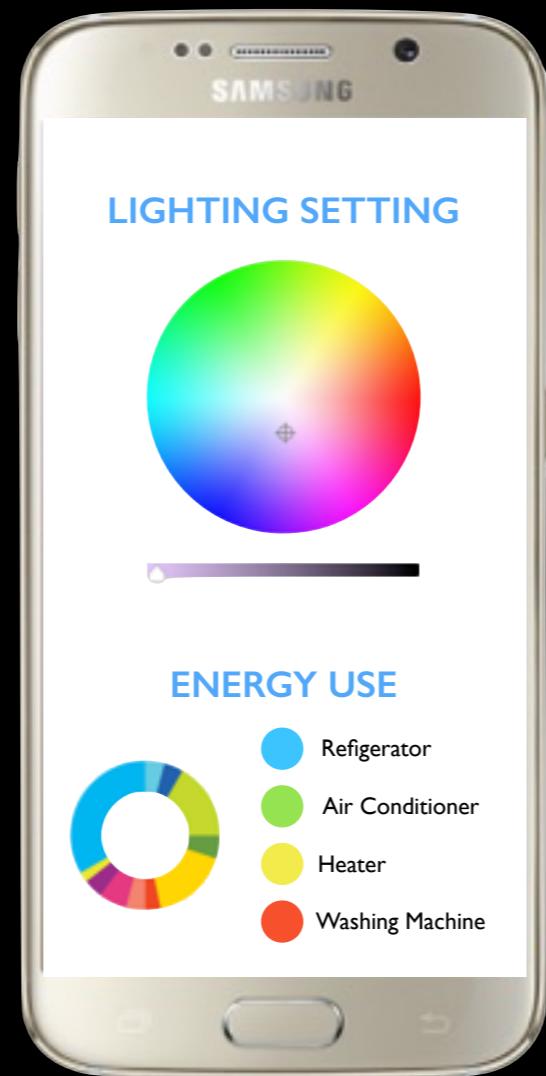


행동과학에 의한 조명 시스템 및 모바일 서비스

조명사용 습관 데이터 - 행동분석 - 자동 조절(안락함, 분위기)



LIGHTS CONTROL



ENERTALK
ENERGY PLANNER

BEHAVIOR ANALYSIS



AUTOMATIC OPTIMIZED SETTING

현재까지의 고객

CONNECTED CHANNEL

2015.3.19

빌딩 6,085

가정 391

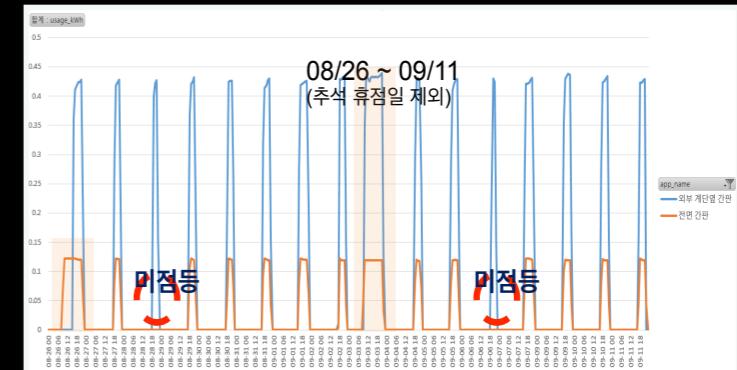
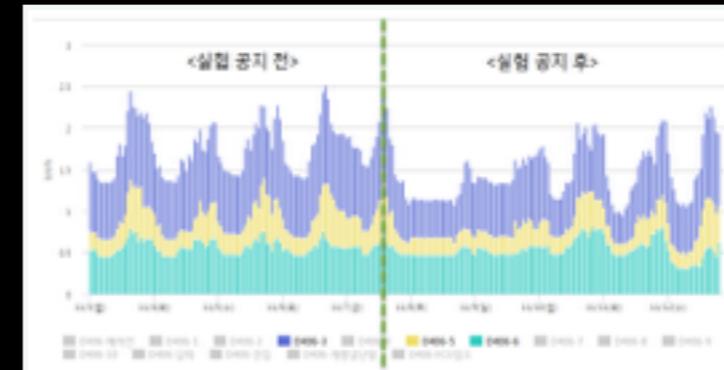
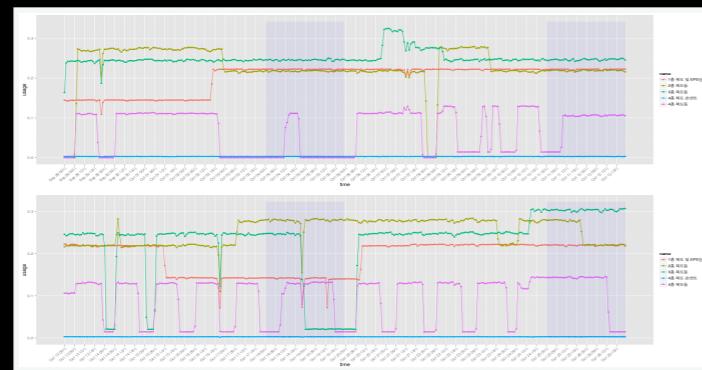
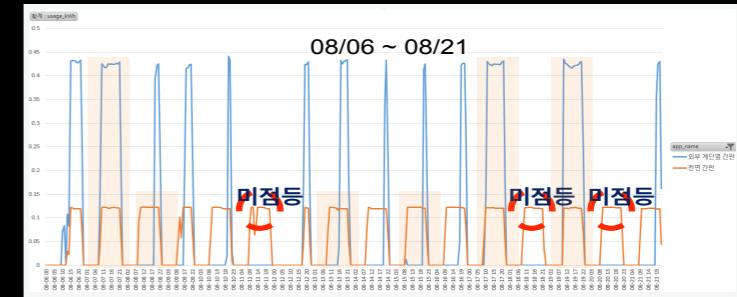
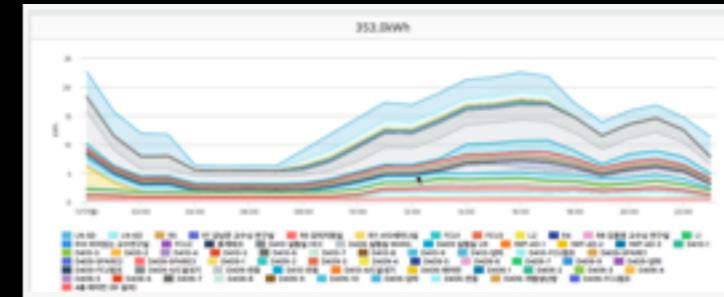
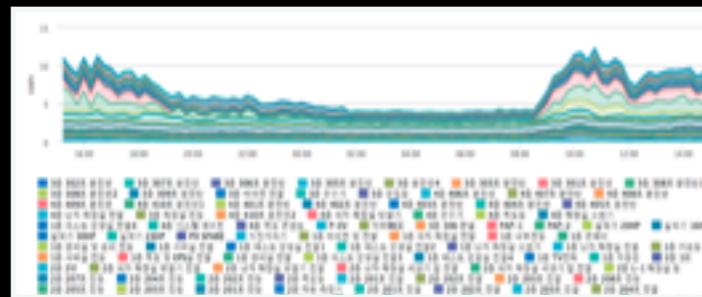
TOTAL 6,476

에너지 사용습관 변화 사례

대전 이** 고객님께서 스스로 습관을 바꾼 사례 (한전연구원 설치)



에너지 절감 효과 사례



5.42% cut of total usage
15.78% cut of cooling
for 2 weeks

6.00% cut of total usage
for 1 week

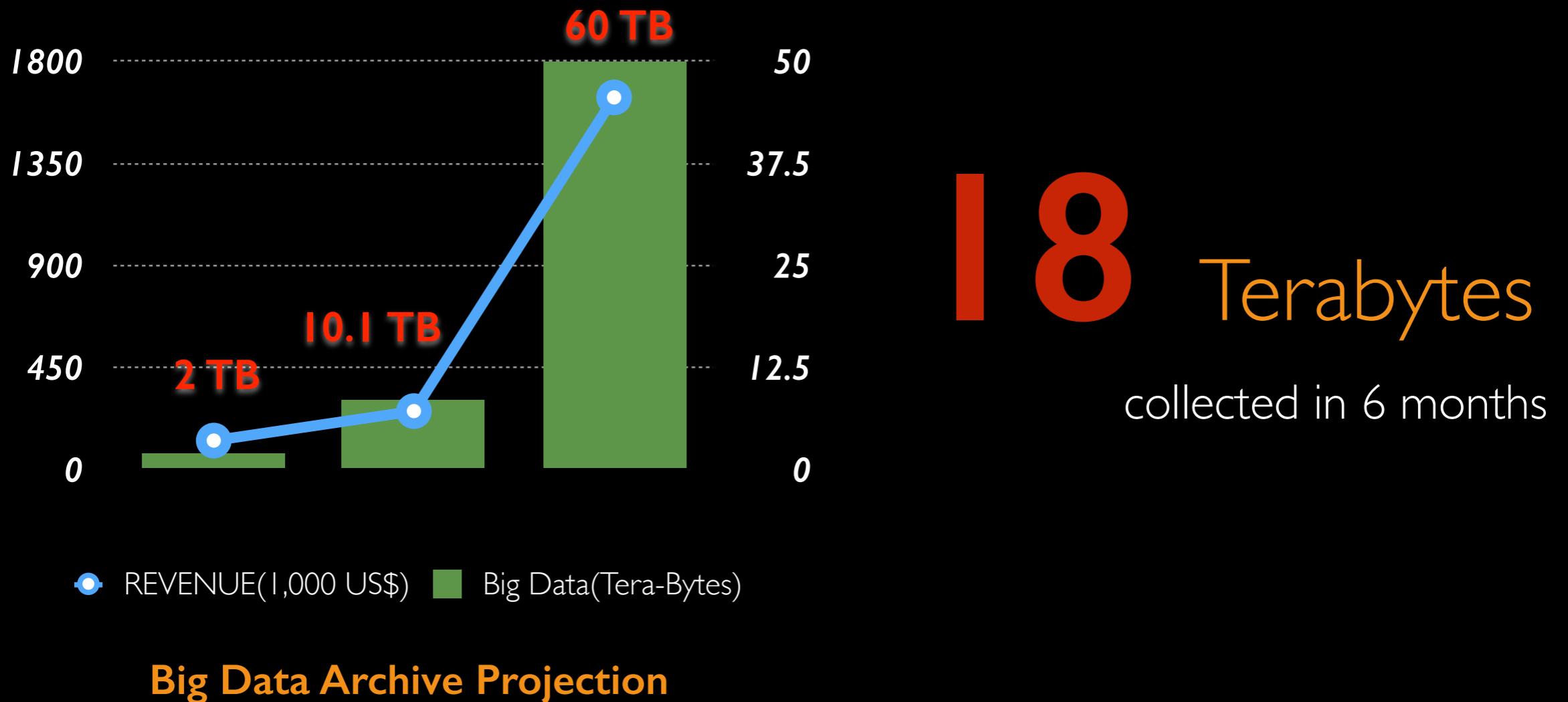
6.85% cut of total usage
for 2 weeks

고객정보보호를 위한 양해된 데이터입니다

세상에서 가장 많은
에너지 데이터를 보유한 민간기업이 되겠습니다

DATA ACHIEVE

2015.3.19



고객과 개발자의 집단지성과 함께
진화하는 기업이 되겠습니다

Touching Energy, Improving Life

Our sign is a promise

Think @ **ENCORED**

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Forever new frontier to build futures