## **IAOPEN Co., LTD.**

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### 1. Company Activities

IAOPEN Co., LTD, a professional IT service company, founded in 2004, provides optimized cloud services with open source based cloud solutions and technologies.

IAOPEN, located in the Republic of Korea, has branch offices in both domestic area and overseas area (Vietnam, and Indonesia).

We also delivers the most advanced technology to our customers with partnership of global IT enterprises such as VMware, Microsoft, Lenovo, IBM, etc.

Currently, we are developing a Cloud Service Brokerage Portal to adopt heterogeneous computing environment.

### 2. Area of interest

Cloud Service (CSB: Cloud Service Brokerage)

### 3. Major Projects

nTree: nTree is the brand name for cloud services provided by IAOPEN Co.

The nTree, offering cloud services in various areas, has a unique name such as V, K, M, I, C, F, D according to business models.

The nTree V and K extend virtual desktop infrastructure environment, given hypervisor and cloud infrastructure.

The nTree M provides monitoring and diagnostic services for various hypervisors, physical servers, logical servers, middleware, web servers and applications.

The nTree I can be used for cloud infrastructure management, and nTree F for smart factory.

### 4. Products

- Cloud Service Brokerage Portal
- Cloud Infrastructure Service
- Virtual Desktop Infrastructure
- Desktop as a Service(DaaS) Portal
- vCloud Air Networks Service Portal

# RecursiveSoft, Inc.

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### 1. Company Activities

RecursiveSoft, Inc. builds commercial Bluetooth Smart Internet of Things(IoT) Devices and associated mobile applications of both iOS and Android. Based on the Low Energy Bluetooth framework, we are specialized in the applications of Bluetooth Smart Mesh networking and IPv6 TCP/IP.

Our recent development of IoT motion sensing framework gave a birth to a device that incorporates an advanced 9-DOF motion sensor(accelerometer, gyroscope, and compass) and a powerful Bluetooth Smart module. The sensor fusion technology and the associated Bluetooth Smart Mesh protocol creates remarkable capacity for innovative problem solving for instance by tracking and monitoring a moving object in 3D space over the mobile network.

#### 2. Area of interest

iOS & Android App Bluetooth 4.0 Low Energy Bluetooth Mesh Protocol

### 3. Recent Projects

Quiz sports games based on social network (2013-2014) Smartphone driven intelligent sticks for elders (2014-2015) Bluetooth Smart Saucepan (2014) Light controlling smartphone beacon (2014-2015)

### 4. Sample Project

### Road Surface Condition Monitoring and Smart Black Box System Using 9-DOF Motion Sensing

This small 9-DOF motion sensing device transmits car body motion information to smartphones. Acceleration and rotation data are collected over time and this big data will tell drivers' driving habits, road conditions, and car conditions. This Device can also be used as black box that would help recover accident situations.

### 5. Patents (Pending, Korea)

- User Configured Monitoring System by Scope Specifications and its Operation Method
- Motion Capture Device and Methodology Using Data from a Motion Sensing Device
- Automobile Black Box System Using 9-DOF Motion Sensor Modules
- Position Identification System Using Multiple Signal Transmitters and Signal Search Devices
- Optimal Path Guidance System by Reading Traffic Signal Lights
- Traffic Signal Change Event Notification System by Automatic Signal Light Reading

# NC Infotech, Inc.

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## 1. Company Activities

System Maintenance(SM) System Integration(SI) IT-consulting Information Equipment Information Construction IT industry

### 2. Area of Interest

System Integration ICT assisted city welfare infrastructures Smart network application

## 3. Recent Projects

Smart Pres-schooler Education Support Services

Aquaculture Theft Prevention System Using Bluetooth Smart Mesh

Announcing and Control Service of Atmospheric Environment Information Based on Smart Node

Mobile Monitoring System for U-Healthcare

Subway Running and Scheduling Plan

Faults History Management – HelpOn

Electronical Purchase and Monitor

# e-BADA, Inc.

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## 1. Company Activities

E-BADA Inc.is a Professional Software Development Company composed of passionate experts. Aiming at assisting powerful informational world and creating new service of marine IT, and discover New Markets.

## 2. Area of interest

### **Marine Consulting**

- Marine Physics Research
- Sea Water Flow Simulation
- Marine Pollutant Simulation
- Marine Ecosystem Simulation
- Deep Sea environment survey & video record

## **Software Development**

- Application Software Development
- Website Development
- Mobile Web/App. Development
- Recruitment Solution
- Rental Management Solution
- Smart Viewer Solution

## 4. Sample Project

Marine Sedimentation Measurement & Pollutant Amounts