

The Region Environment Monitoring System based on SCT

SCT Framework



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Problems of Traditional Environment Monitoring

**Cost
Improved**

**Difficult to
Maintain**

**Monotonous
Content**

Fixed Group

**Complexed
Data Process**

**Lack Life
Algorithm**

Awful UI

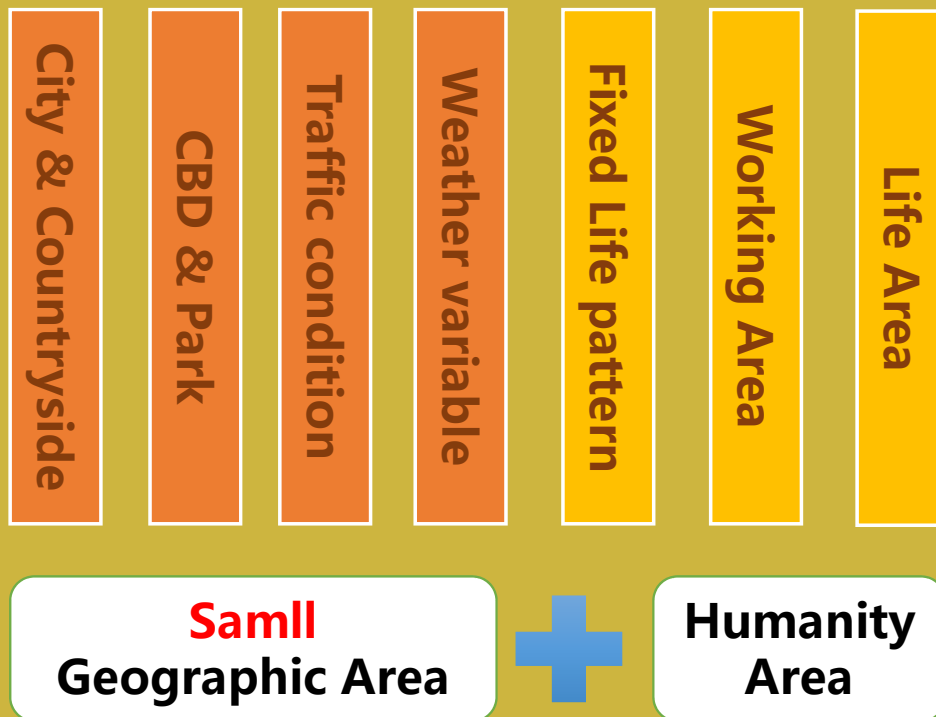
**Lack
Scalability**

**Lack Multi-
Platform**

Traditional Monitoring System market has series of issues such as uniform data format, bad products influencing market, not meeting the need of public.

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Regionlization



➡ Regionlization

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Demand Analysis

Fixed home range like
student & worker

Notification when Get up

The daily exercise

Visit another region

Care for others

Stadium &
Scenic Spot

Environmental conditional

Fire Alarm

Indor Enviornment
like Child & Elder
without care

Toxic gas

Guard against theft

Need real-time alarm

Community

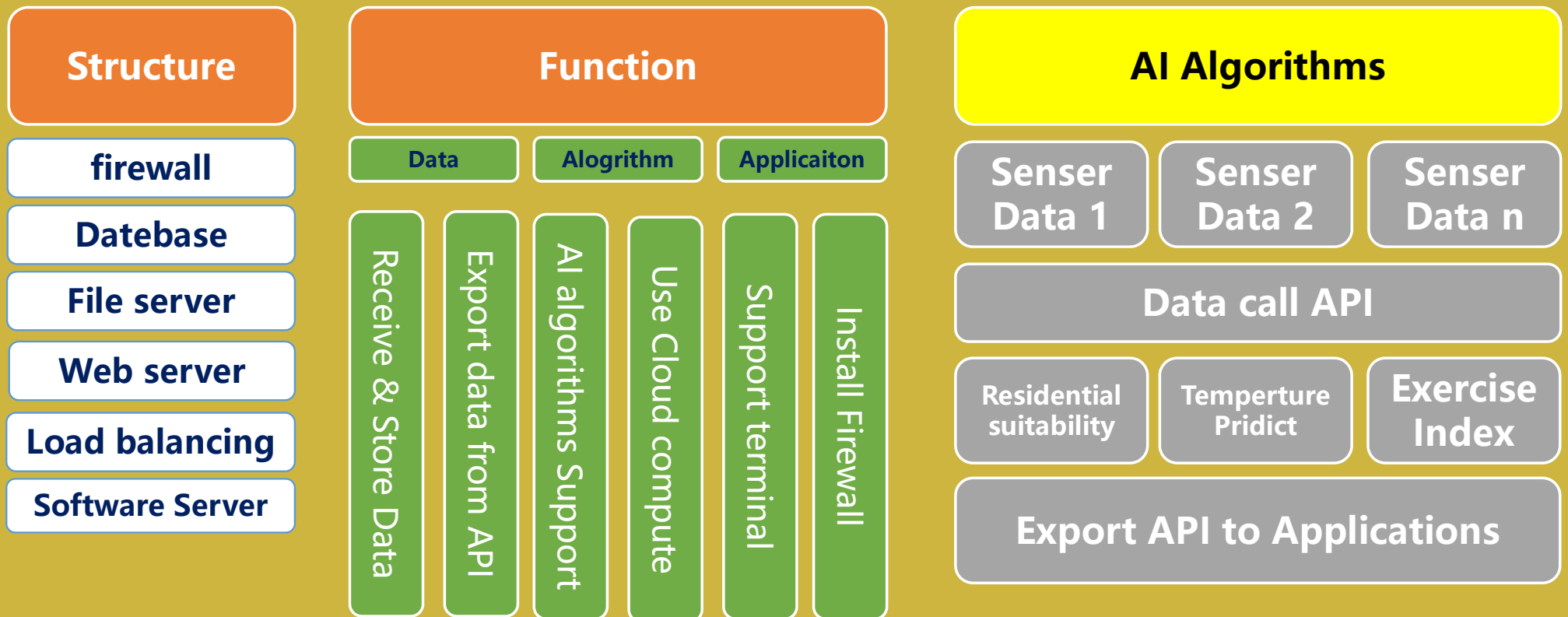
Greening situation

Comfort Level

Fire, Gale, Cold

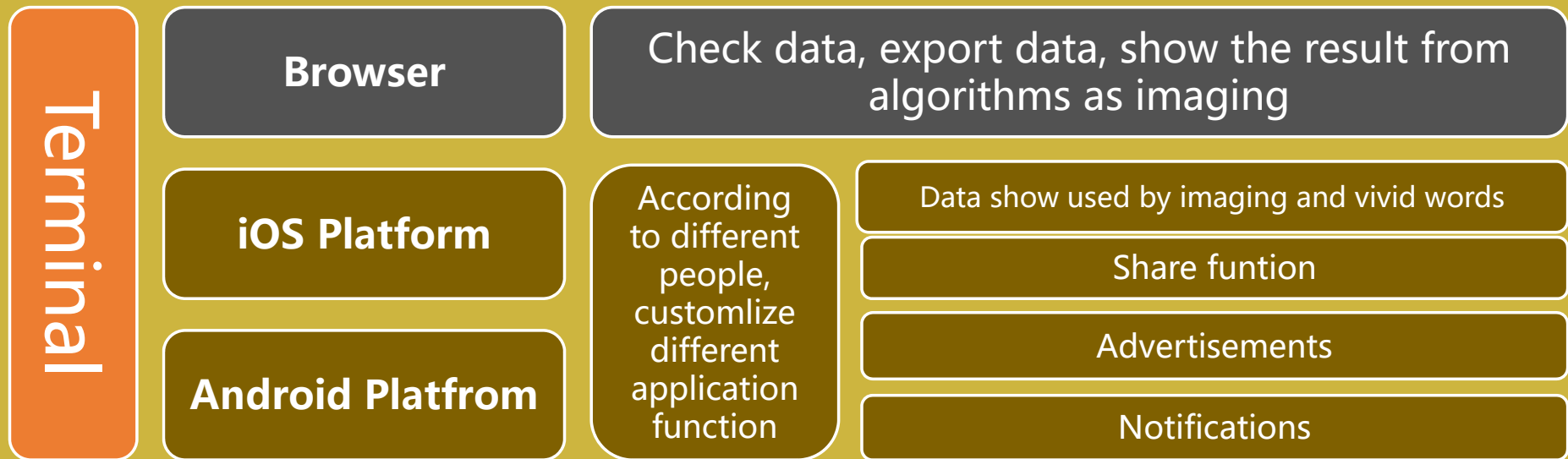
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SCT Function & Structure



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User Terminal



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Advantages

Customlization

**Senser
demand**

**Algortihms
diversity**

**Applications
content**

Interaction

**High real-
time**

Data share

Feedback

Intelligent

**Modularity
& Combine**

Access to Life

Scalability

Modularity

Unifrom API

**Easy to secondary
develop**

Low price

**High Cost
Performance**

**Clouds
advantages**

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END