Innovation on Survey System for Retail Price Survey and CPI

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AGENDA

- Background
- Electric Data Collection System (Old One)
- New Survey System (Quick Demo)
- New Survey System
- Price Collection Sub-System
- Survey Management Sub-System
- Plan and Schedule
Background

Retail Price Survey

To collect main source for CPI, SB conducts Retail Price Survey.

[Basic Info]

- Covers 47 regions, 167 cities
- About 30,000
- About 218,000 prices for 533 items
- Purposive approach with price collectors

for more info -> http://www.stat.go.jp/english/data/kouri/
Background

- Survey Organizations
  - Statistics Bureau
    - Making decisions and tabulation
  - Regional Government
    - 47 Regional Gov. assume a part of supervisor.
  - Price Collectors
    - 750 price collectors attend.
Electric Data Collection System (Old One)

- With PDA
  - Too old to maintain
- With Phone line
  - Not much credibility
- Architecture
  - Excluding Regional Office
Electric Data Collection System (Old One)

- Disadvantage
  - Undesirable delay
  - Without System
  - Report by System
New Survey System (Quick Demo)

- First of all, take a general view with demo.

  - Here are 2 sub-systems.
New Survey System

- With Slate PC
- New gadget
- With Mobile
- Closed network
- and Datacenter
- High credibility
New Survey System

Upgrades
- Architecture upgrade
- System concept upgrade
- Gadget upgrade
New Survey System

- Architecture upgrade
  - Windows based system
  - Web application with SOA technology
    ⇒ availability and flexibility
  - Cloud data center
  - Mobile closed secure network
    ⇒ credibility
New Survey System

- System concept upgrade
  - Data share with secure web system

Direct Access

Report
New Survey System

- Gadget upgrade
  - Ink with e-Pen
  - Various migration options
  - System is available through the Windows
Price Collection Sub-System

- For price collectors

![Diagram of price collection system]

- Report

![Price entry form for salted salmon]

- Price: ¥298
- Unit price: ¥149
- Quantity: 200 g
- Pieces: 1
- Outlet: Japan Mart
- Brand: Basic: basic specification

www.stat.go.jp
Survey Management Sub-System

For SB and Regional officers
Plan and Schedule

- New system is going to release coming August
  - Currently, we are conducting final phase of test.
  - Deploying and field working are waiting for us.
Thank you for all your attention.

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