

# SECOND

## SMS-based Content Delivery System



**“Customizable Solution for any SMS-based Messaging System”**

**SMS-based Content Delivery System (SECOND)** is a contents delivery system used to deliver any contents & receive requests via SMS media. Any contents can be delivered using SECOND, including news, advertorial info, alerts, etc.

The objectives of SMS-based messaging system implementation are:

- Widen the coverage of alerts/contents delivery
- Reach the customer faster and precisely
- Simplify the alerts/contents delivery/request system
- Integrated with existing system to extend system messaging

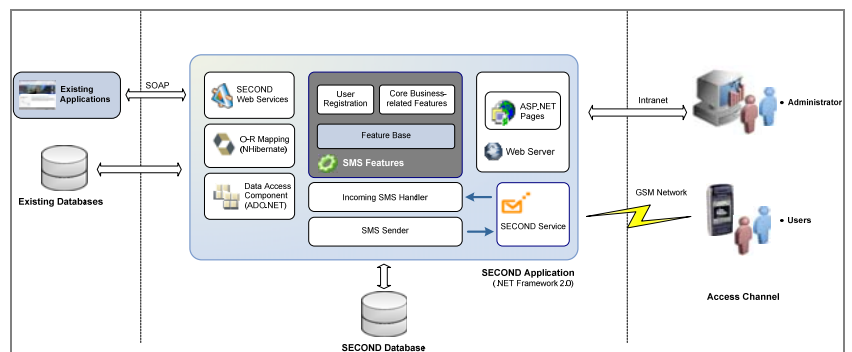
### SECOND Key Features

- Easy SMS creation/broadcasting
- 2 way SMS communication with mobile device
- Automated event triggering via Rule-based SMS Processing
- Integrated with 3<sup>rd</sup> party application or system via API and XML Web Services
- Extensible features to support any business process
- Logging and statistics

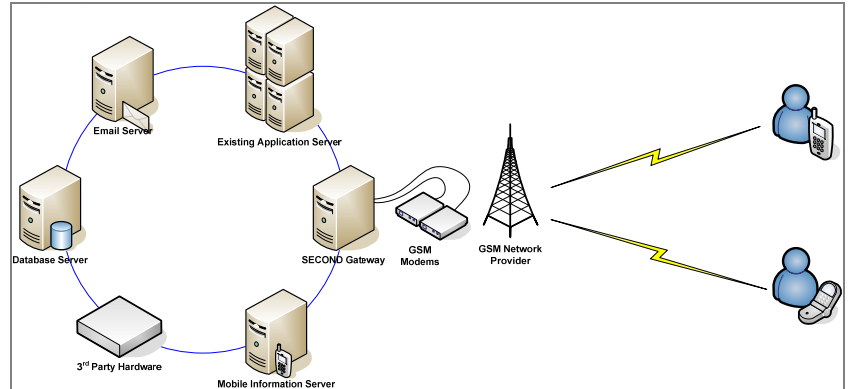
### SECOND Usages

- Broadcast any news, advertising, or any information
- As an extension of any systems as alerts/notifications delivery system
- As a data reporting/entry system. Any data can be submitted to server wirelessly & remotely via SMS
- As a complement of email messaging system. So, any sent emails will be also delivered as SMS messages

### System Architecture



### Deployment Architecture



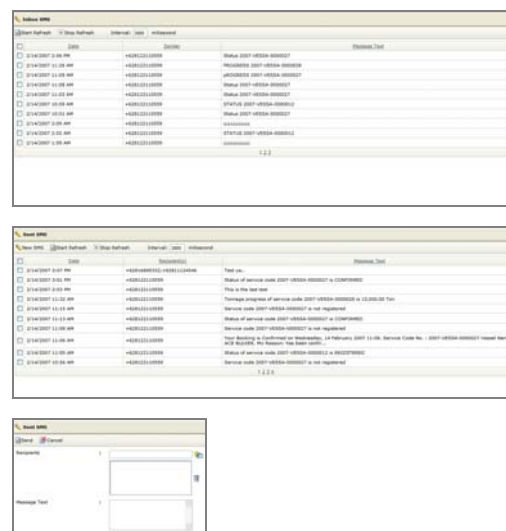
### Technology

- Platform
  - Development: **.NET 2.0**
  - OS: **MS Windows Server 2003**
  - Web server: **Microsoft IIS**
  - Database server: **Oracle Database/SQL Server 2005**
- Data provider and O-R mapping: **Oracle/SQL Client & NHibernate**
- Charting: **dotnetCHARTING 4.0**
- AJAX: **ASP.NET AJAX Extension (Atlas)**

### Technical Features

- Web-based administration console
- AJAX implementation
- SECOND Service is implemented as Windows Service to serve requests in background

### Application Captures



For further information, please contact:



**PT. Pakar Solusi Telematika**  
Business Solutions Division

#### Head Office:

Jl. Bijaksana I No. 10 Bandung 40161  
Jawa Barat - Indonesia  
Phone: +62 22 2031978  
Fax: +62 22 2039354

#### Business Solutions Division Office:

Jl. Gemi No. 11A Bandung 40161  
Jawa Barat – Indonesia  
Phone: +62 22 70231133  
Fax: +62 22 2039354  
e-mail: [bsd@pastel.co.id](mailto:bsd@pastel.co.id)