

```
--FOR INSERT
FOR UPDATE
AS
DECLARE
    @PPIDVAL varchar(20)
    @STATUS int,
    @INDIC int,
    @Len int,
    @Message varchar(160)
    SET @Len = len(@Message)
--SELECT @PPIDVAL = m.cellnumber, @STATUS = p.status, @INDIC = m.indicator FROM mobdat m cross join
--SELECT @PPIDVAL = m.cellnumber, @STATUS = p.status, @INDIC = m.indicator FROM mobdat m cross join
--IF (status = '3' and indicator = '1') --Out Area
IF EXISTS (SELECT cellnumber, status0, indicator FROM mobdat where status0 = 3 and indicator = 1)
BEGIN
    SET @Message = 'OutWaypoint'
    INSERT INTO PendingSMS (CELLNUMBER,TYPE,MSGLEN,MSGDATA1,MSGDATA2,STATUS,DATEENTERED)
    select '+31647834334',7,@Len,@Message,'',0,getdate() -- and @INDIC = '0'
    update mobdat set indicator = 0 where status0 = 3
END
ELSE
IF EXISTS (SELECT cellnumber, status0, indicator FROM mobdat where status0 = 2 and indicator = 0)
BEGIN
    SET @Message = 'InWaypoint'
    INSERT INTO PendingSMS (CELLNUMBER,TYPE,MSGLE,MSGDATA1,MSGDATA2,STATUS,DATEENTERED)
    select '+31647834334',7,@Len,@Message,'te()'
    update mobdat set indicator = 1 where status0 = 2
END
```

*The Smart Tracking Solution*

**NOVATRACK**

**Spatial Database  
Server**



# Delivering Intelligence using Spatial Data

## Spatial Database

### Work with geodetic data

Use latitude and longitude coordinates to define positions and surfaces on the Earth's surface. Directly associate GPS data with WGS84 datum for an easy integration, transformation and mapping capabilities.

### Work with planar data

Implement Flat Earth solutions with the geometry data type. Directly store points, lines and polygons associated with their own projected planar surfaces.

### Interface with major industry standards

Allows optimal interaction and integration with Navteq data structure in all major formats (MapInfo, Shape, ...) Full compatibility with Open Geospatial Consortium (OGC) standards for geometric data type.

### Perform spatial operations

Performs operations on spatial data, such as finding intersections between geospatial objects (1D & 2D), distances between locations, 2D surfaces, etc.

## High Performance Database

### Customer Dedicated Database

Customizable database architecture to meet customer and application requirements.

### Configurable Backup Period and Frequency

The customer can select his own backup plan: how old must the history be, how often are the data backedup.

### Store large and complex spatial objects

Store from simple objects like points to very complex objects such as multi-polygons.

### Use spatial data indexing

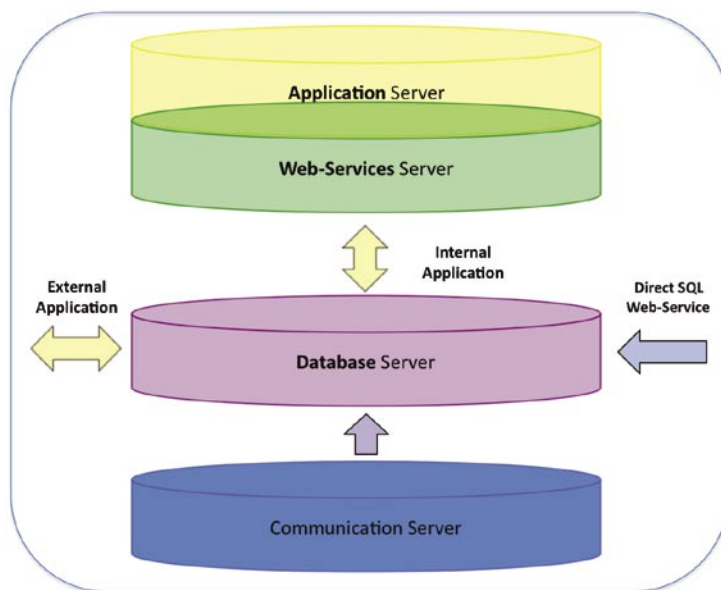
Allows enhanced query performances even for big quantity of data (several Terabytes)

### Local or Global

The database can be installed and accessed locally or remotely.

### Direct access or via Web-Services

Build your own applications by directly accessing the database or by using pre-defined Novatrack web-services.



## Further possible augmentation



Application



Web-Services



Communication



OnYourMap SA  
Chemin du Trési 6A  
1028 Préverenges, Switzerland

Telephone +41 21 651 30 30  
Fax +41 21 651 30 35

[www.onyourmap.com](http://www.onyourmap.com)  
[www.novatrack.com](http://www.novatrack.com)