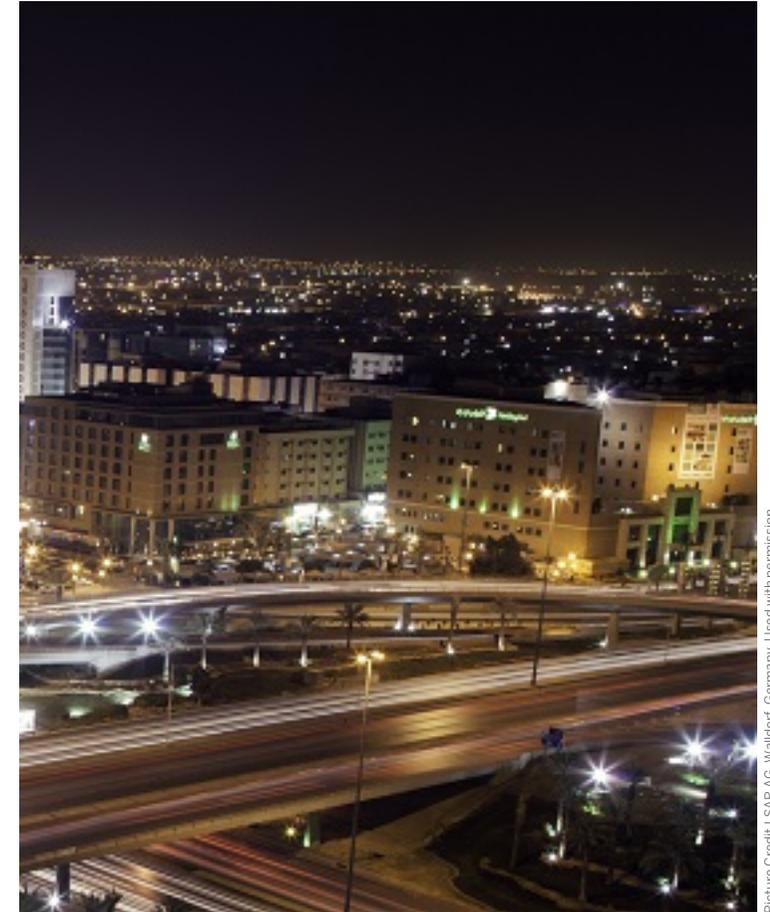


# FCPSB: Ensuring Better Protection Across the City with SAP® Data Services Software

Located in China's central Guangdong province, Foshan boasts 7.1 million residents and counting. As the city grows, so does the job of the Foshan City Public Security Bureau (FCPSB). But the huge quantity of address data was complex and unorganized, which was out of line with national standards and required inefficient, manual data comparison and cleansing. FCPSB also had police case files filled with key information that could not be used given its unstructured, free-form state.

With SAP® Data Services software, FCPSB can compare, cleanse, correlate, and update thousands of addresses in minutes, helping to ensure consistency with the national address directory and provide accurate information for businesses and residents. And text-processing functionality enables the mining of police case files to harness data for analysis and reporting, improving responsiveness.



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# Executive overview

## Organization

Foshan City Public Security Bureau (FCPSB)

## Headquarters

Foshan, Guangdong, China

## Industry

Public sector

## Products and Services

City police and command authority for the city of Foshan

## Employees

>16,000

## Web Site

[www.fsga.gov.cn/en](http://www.fsga.gov.cn/en)

## BUSINESS TRANSFORMATION

### The organization's top objectives

- Improve the accuracy and quality of address data used in the bureau
- Update records that are missing key city-level address information
- Eliminate duplicate records residing in multiple systems
- Harness unstructured data police case files for better and easier analysis

### The resolution

- Implemented SAP® Data Services software
- Ran a proof-of-concept test using 1,000 entries from the official Chinese address directory to identify errors and inconsistencies
- Leveraged text-data-processing functionalities to quickly identify and classify data into fields such as credit card information, debit card information, and telephone numbers

### The key benefits

- Significantly reduces the effort required to identify and contact residents
- Centralizes data, eliminating redundant data entry and duplicate records
- Reviews and updates millions of data records, which would not have been possible manually
- Allows unstructured data to be sorted and classified in seconds

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“There are over 7 million people living in Foshan, and it is our job to keep them safe. But the data we had on residents was often inconsistent and incomplete, making it very hard to locate an individual quickly. With SAP Data Services software, we have been able to update our records with lightning speed.”

Huai-dong Kuang, Data Management Team Lead of the Foshan Police, Foshan City Public Security Bureau

## TOP BENEFITS ACHIEVED

### 90 seconds

To find errors and inconsistencies in 1,000 address records

### 24 minutes

To update roughly 500,000 address data fields

### 2 hours

For the complete review and correction of 1,000 records

### 100 seconds

To structure and classify 1,000 pieces of unstructured text data

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