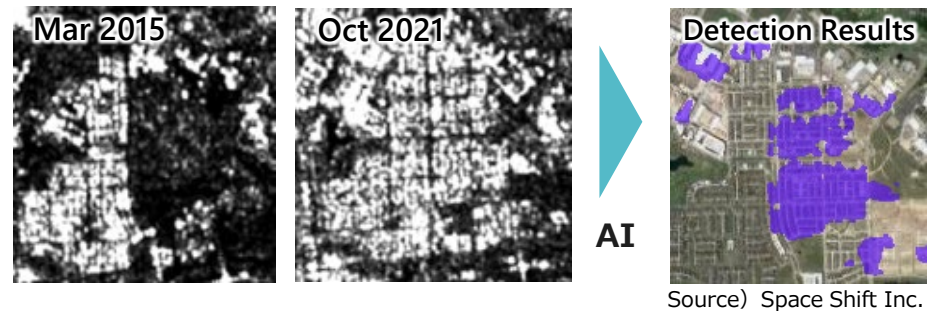


## Urban monitoring AI by utilizing SAR satellite data

- Analyzes SAR satellite data from two time periods to analyze construction status of structures in the target area
- Automatic detection of newly constructed or lost building areas using AI
- Enables time-series analysis of areas under development and their progress

Company name	Space Shift Inc.
Service Overview	By analyzing SAR satellite data using our own AI, we can analyze urbanization trends around the world, on the scale of the entire Japan or the entire United States. Mapping companies are efficiently maintaining map data by utilizing information on where changes have occurred in buildings and roads across the country. This information can also be used to understand urban development trends in emerging countries and regions where statistical information is not yet available. In the future, it is also expected to be used for financial services and economic indicator forecasting.
User	Construction companies, Real estate companies, Mapmaking and surveying companies
Satellite	Sentinel-1, X-Band small SAR satellite
URL	<a href="https://www.spcsft.com/en/">https://www.spcsft.com/en/</a>

### New Building Detection



### Time-series changes in development progress

