

Roof-mounted Solar Panel Detection

- Survey of solar panel installations using optical satellite data and AI image analysis.
- Improve efficiency in identifying solar panels installed without an application and confirming locations for large areas.
- Utilization for guaranteeing subsidy expenditures and regulating power transactions.

Company name	PASCO Corporation
Service Overview	<p>Renewable energy is becoming attractive green energy that does not emit greenhouse gases, and as one of the renewable energy sources, solar power generation is continuing to expand its use. Governments and electricity providers are building databases of solar panel installations in order to subsidize solar panel installations in individual residences and to regulate electricity trade. However, solar panels installed on individual buildings are scattered over a huge area, and on-site verification requires a large amount of time and resources.</p> <p>Therefore, this service provides a survey of solar panel installations on buildings using optical satellite data and AI image analysis technology to support the extraction of solar panels without application and the effective implementation of on-site surveys.</p>
User	Electricity company etc.
Satellite	<ul style="list-style-type: none"> • Worldview-3 • Pleiades etc.
URL	https://www.pasco.co.jp/eng/

