

Company Name	PASCO CORPORATION
Website URL	https://www.pasco.co.jp/eng/
Company Outline	<p>【Address】 (HQ) 1-7-1 Shimomeguro, Meguro-ku, Tokyo 153-0064, Japan</p> <p>【Contents of Business】 PASCO, established in 1953 as an aerial survey company, collects and analyzes geospatial information globally. We are confident in offering the advanced geospatial information services by information collection, process, and analysis from all angles through satellites, aircrafts, drones, land vehicles, and ships covering all over the world. With cutting-edge technologies such as IOT, AI analysis, and Big data, we provide geospatial solutions and consultations in many application fields, for instance, natural disaster, cartography, forest, environment, cultural assets, and market area analysis.</p>
	<p>【Overseas Offices】 Philippines : PASCO Philippines Corporation, Thailand : PASCO (Thailand) Co., Ltd., Indonesia : PT. Nusantara Secom InfoTech</p>
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Solves Social Issues Utilizing Geospatial Information Technology

■ Collecting Information
PASCO Group collects and analyzes geospatial information globally. The results are used to create maps, in academic research, and in enhancing homeland security. There are many ways of collecting geospatial information, and information is gathered from all angles - through satellites, aircrafts, land vehicles, and ships.

■ Processing Information
PASCO has established bases that specialize in responding promptly to handle spatial information, such as processes of collecting, processing, and analysis of spatial information.

■ Providing Information
PASCO has excellent capability for visualizing the information by linking internally with variety of information and that can be identified spatially. We believe that geospatial information will be utilized increasingly in the future, from facility management to the aggregation of information, and from drawing up regional strategies to understanding of the moving objects, etc.

Company PR

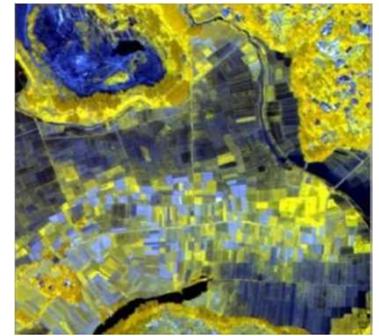
■ Distributor of ALOS3, the latest optical satellite from Japan



ALOS-3: 80cm resolution
(Simulated image)



RGB3 bands + coastal band
(Simulated image)



RGB3 bands + red edge band
(Simulated image)

① Wide Swath & High Resolution

- Comparing ALOS-1 satellite, ALOS-3's ground resolution is three times better (directly below from 2.5m to 80cm) and enable to obtain more detail images.
- Wide swath (70km) and high resolution (80cm).



② Additional bands

- Adding to ALOS, ALOS-3 equips coastal band, which is suitable to monitor water area and red edge band, which is suitable to monitor vegetation as additional bands to the sensor.
- ALOS-3 image data are widely utilized for practical and research use.

③ Continuously observation of global land areas

- Observe global land areas continuously.
- Optimize the earth monitoring and change detection analysis with plentiful archived data images

■ Mobile Mapping System(MMS) and PADMS(3D Data viewer)



Spatial Data collection



Collected data Viewing

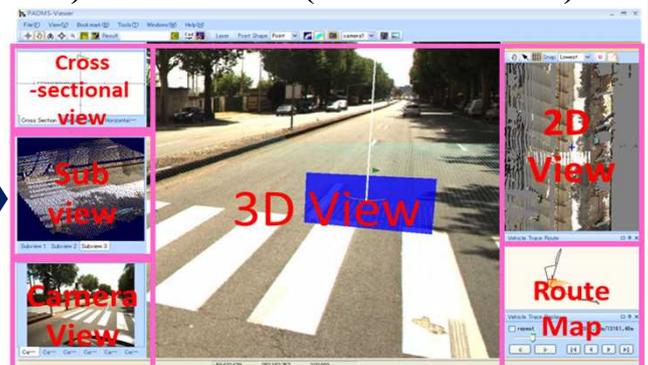
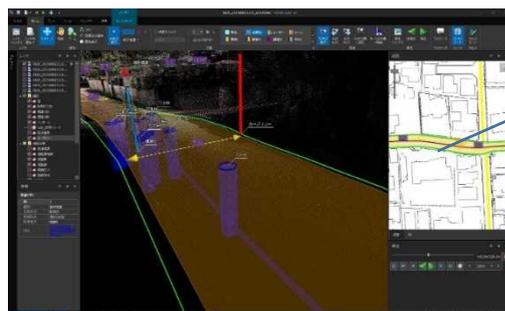


Image of PADMS screen

PADMS software

- Point cloud data acquired by MMS can be viewed in PADMS software.

■ Collaboration of water pipe (underground facilities) management and MMS data



2D digital data, Analog data Input



- Photo data
- Drawings
- Pipeline data
- Facility information

- 3D representation of underground facilities such as water pipes makes it possible to understand the status of underground facilities in 3D, rather than simple lines and surfaces.