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Since its introduction, the scanner has been used for a variety of applications. Multispectral scanners, such as the Landsat series, have been used extensively in the monitoring of environmental changes. The data collected by these instruments are used in a variety of fields, including agriculture, forestry, and urban planning. Since the introduction of the scanner, its capabilities have expanded beyond the initial applications. One of the key advantages of the scanner is its ability to collect data at multiple wavelengths, allowing for the detection of subtle changes in the environment. Different data sets are collected at different wavelengths, allowing for the analysis of vegetation, soil moisture, and water content. An image may be compared with similar images collected at different times to observe changes in the land use or vegetation. Photogrammetry has also been used in conjunction with the scanner to create detailed maps of the LANDSAT Data. Photogrammetry is a process that involves the measurement and interpretation of aerial photographs. Thematic maps are created from the data collected by the scanner, providing valuable information for decision-making.