

Introduction of FrameFree STUDIO



FRAMEFREE STUDIO

Patent Registered

Japan: No. 2927350 / USA: No. 6018592

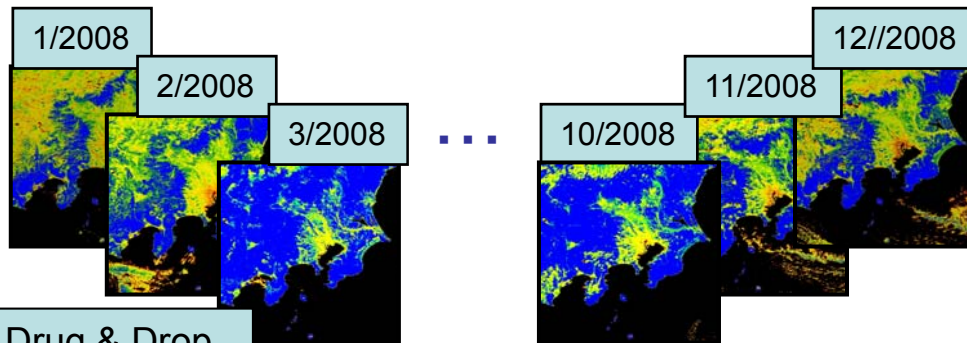
China / Korea / EU

Monolith Co., LTD

Sample Application

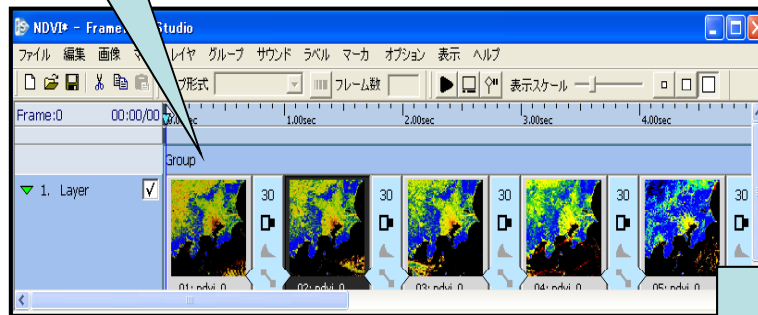
1. NDVI (Normalized Difference Vegetation Index)
Analysis of NDVI Image
2. Land Slide
Observation and Validation
3. Arctic Ice Summer Minimum
Observation and Prospect (1990-2049)
4. Weather Forecast
Discrete Cloud Image Smoothing
5. Grey Typhoon Images (Oct, 6, 2009-Oct, 8, 2009/1H)
6. Color Typhoon Images (Oct, 6, 2009-Oct, 8, 2009/1H)

1. NDVI Analysis of NDVI Image



NDVI
Used band1 ,band2

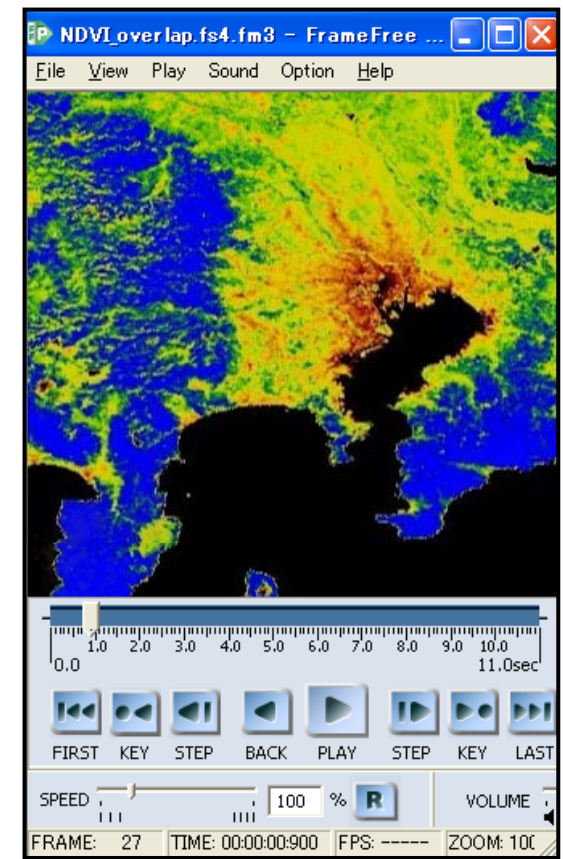
Drug & Drop



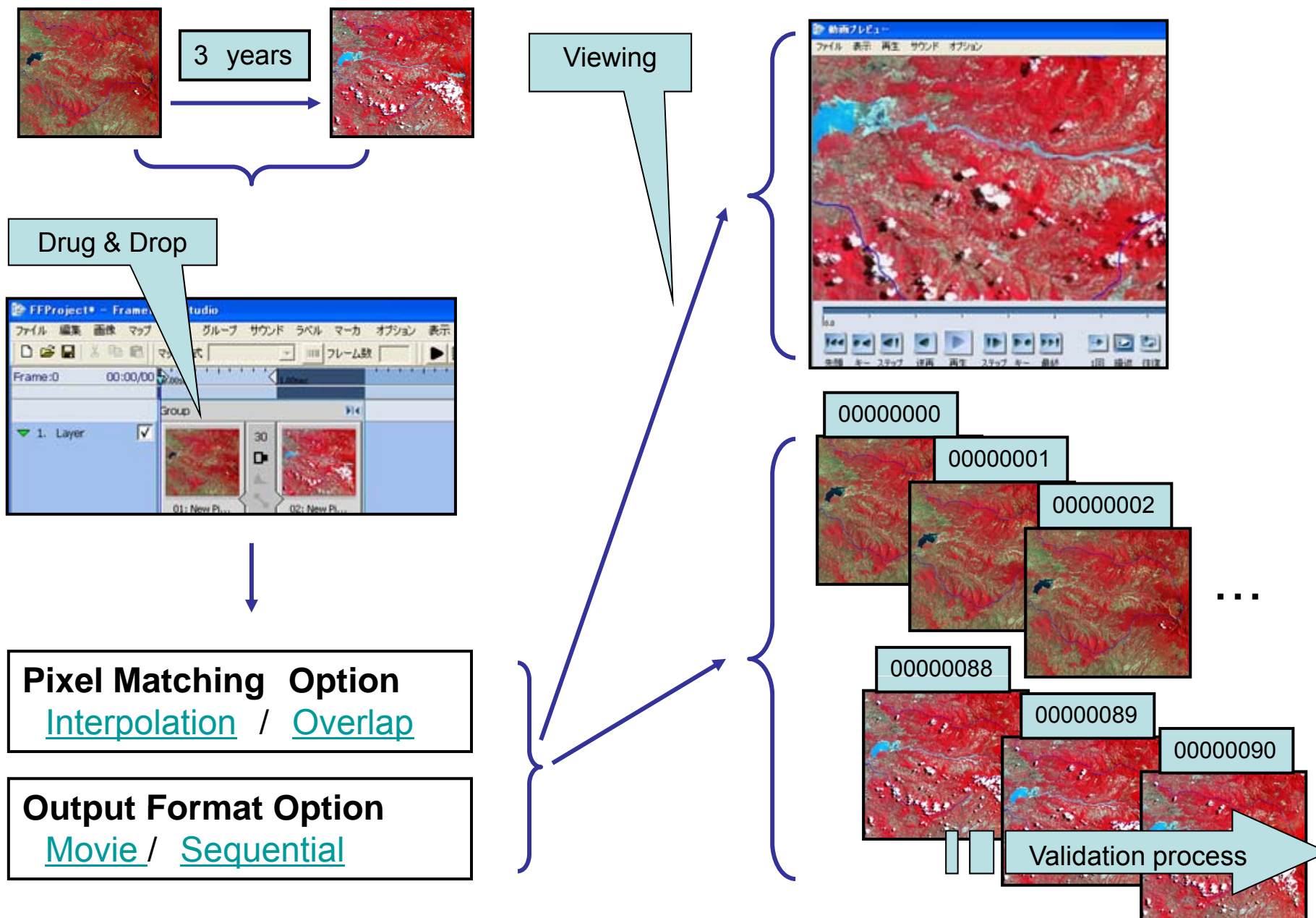
Viewing

Pixel Matching Option
Interpolation / Overlap

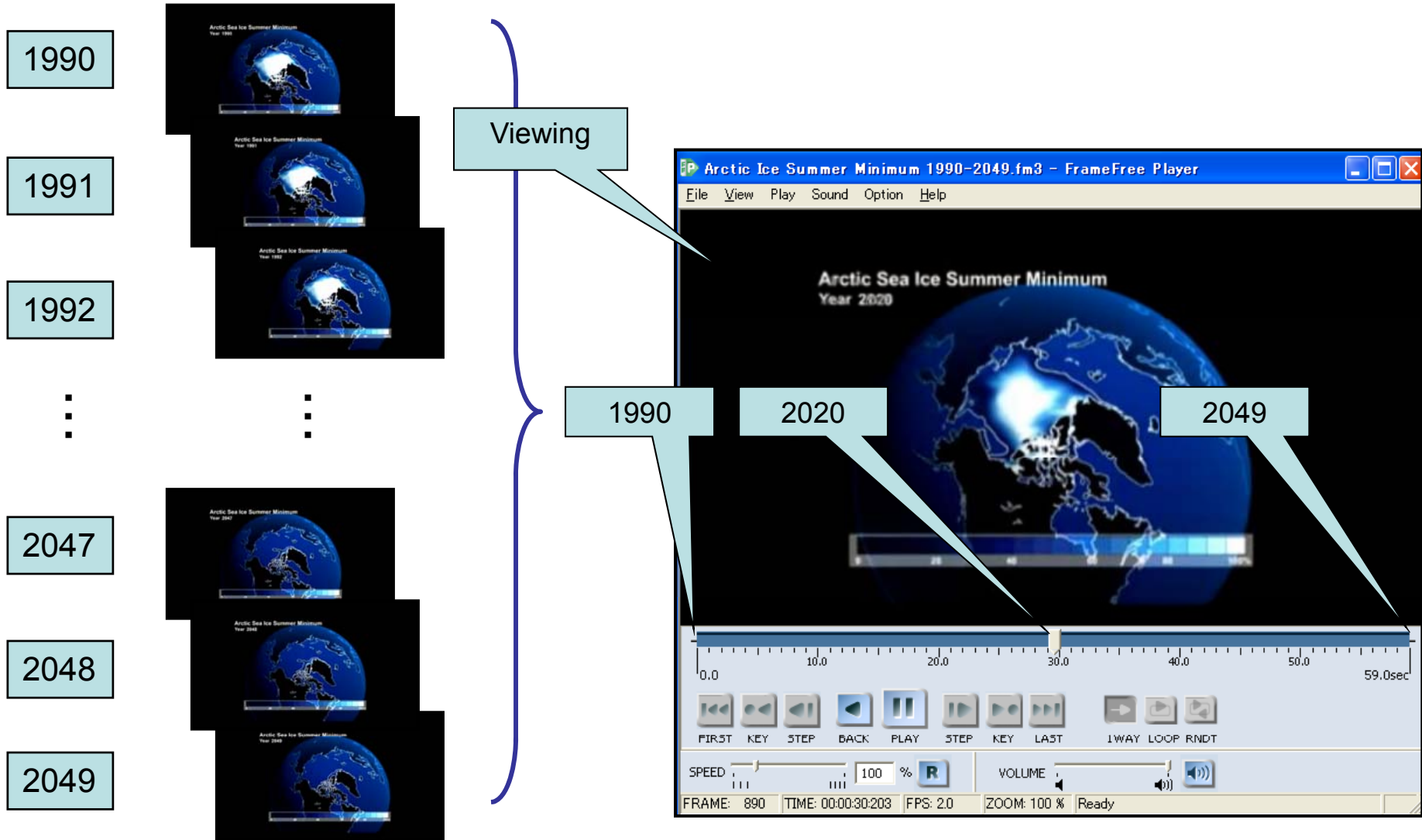
Output Format Option
Movie / Sequential



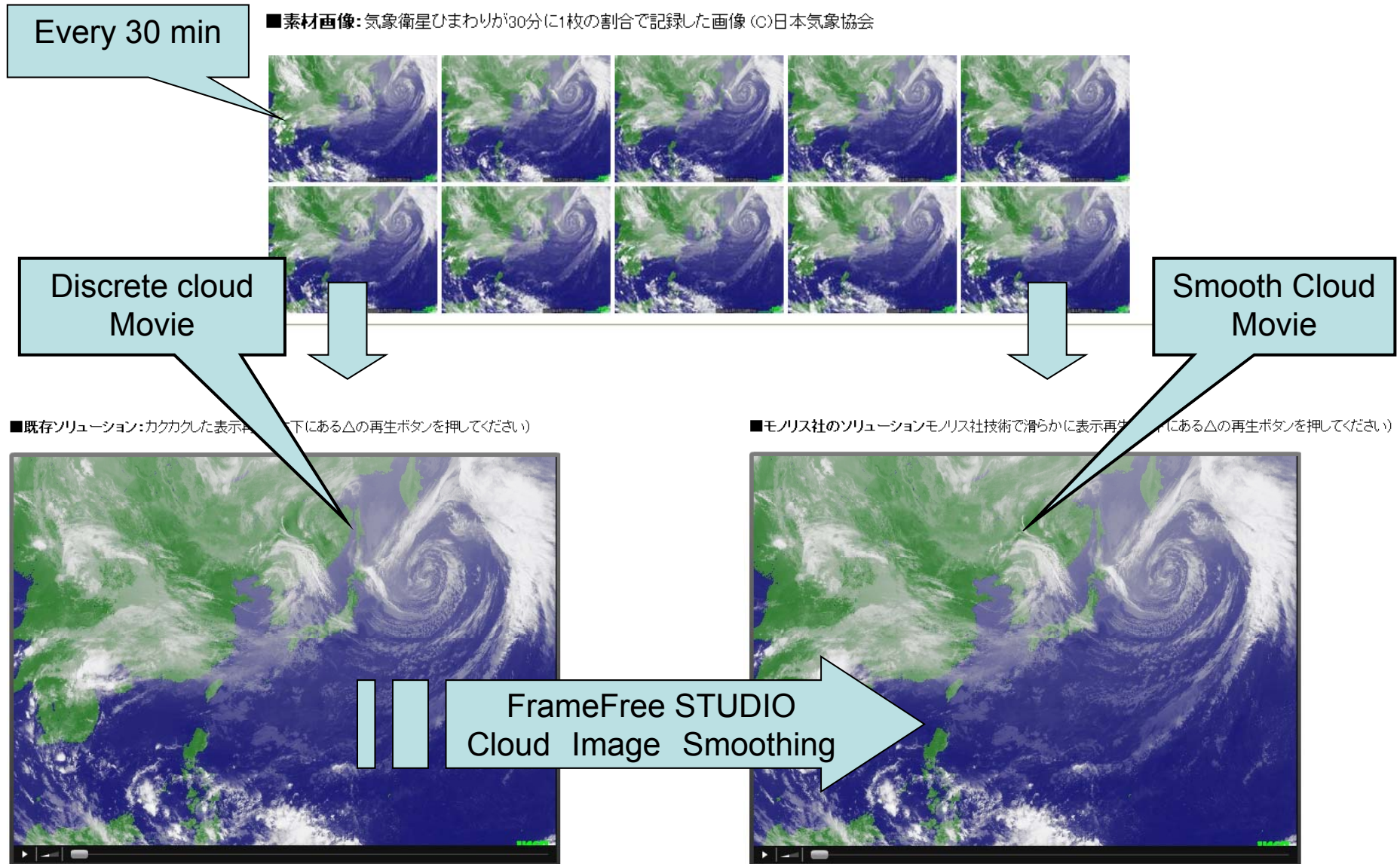
2. Land Slide Observation and Validation



3. Arctic Ice Summer Minimum Observation and Prospect (1990-2049)

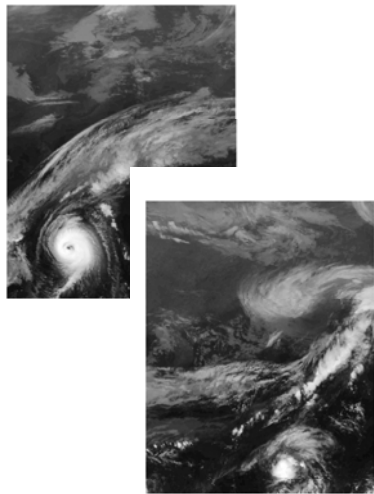


4. Weather Forecast Discrete Cloud Image Smoothing

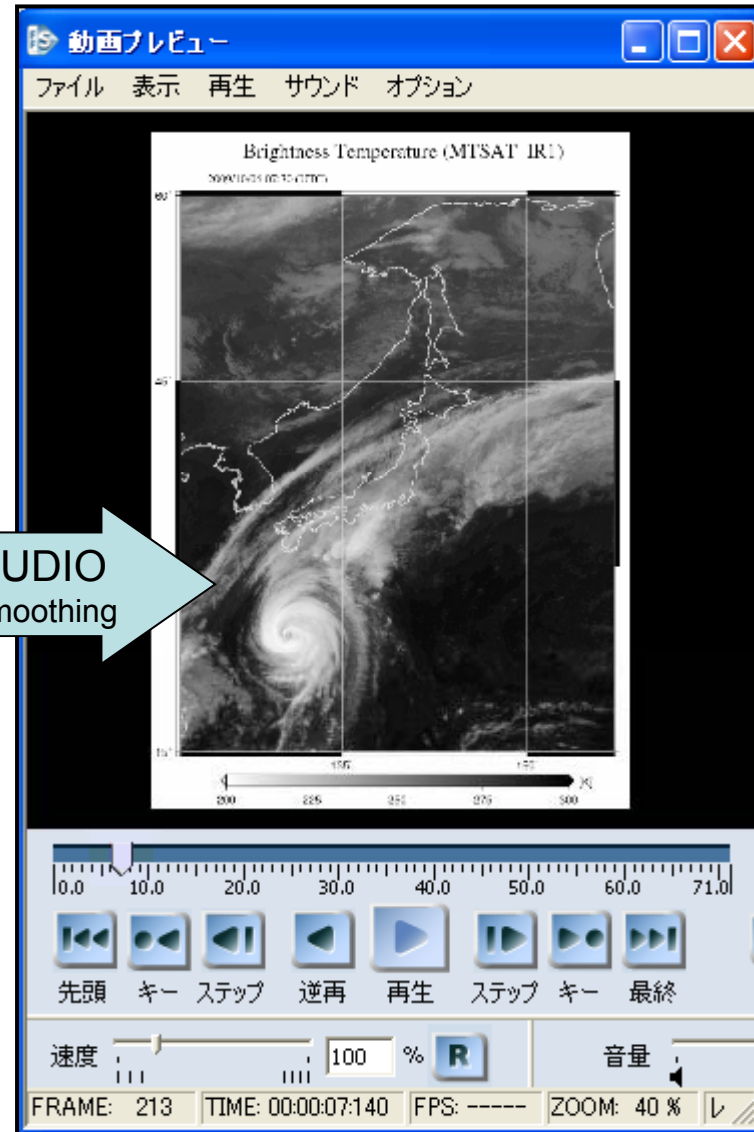


5. Grey Typhoon Images (Oct, 6, 2009-Oct, 8, 2009/1H)

Brightness Temperature
MTSAT-1R
IR1(10.3~11.3 μ m)



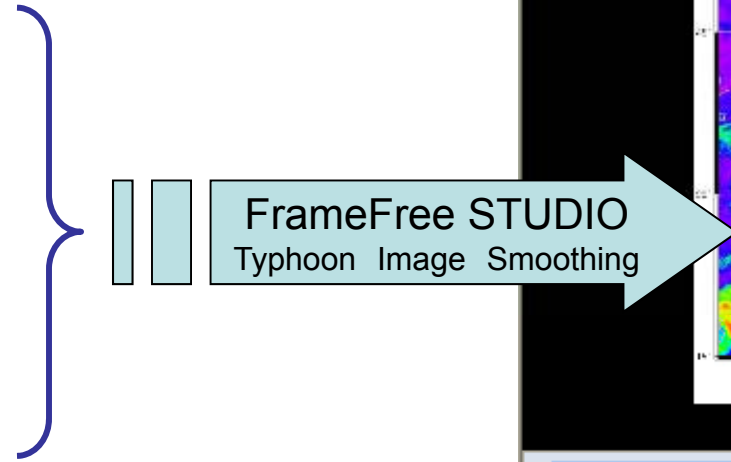
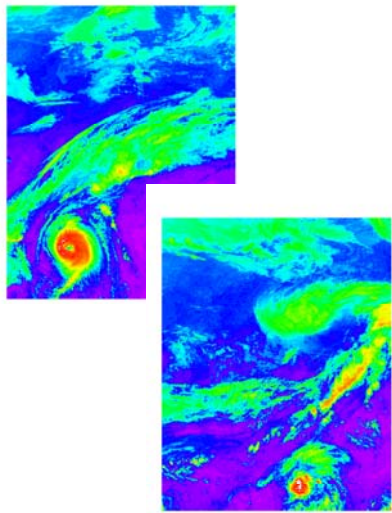
FrameFree STUDIO
Typhoon Image Smoothing



The screenshot shows the FrameFree STUDIO software interface. The main window displays a satellite image of a typhoon with a color scale at the bottom ranging from 200 to 500. The software has a menu bar with options: ファイル (File), 表示 (View), 再生 (Play), サウンド (Sound), and オプション (Options). Below the menu bar is a title bar that reads "動画プレビュー" (Video Preview). The main display area shows the typhoon image with a grid overlay. At the bottom of the window, there is a playback control panel with a progress bar from 0.0 to 71.0. The controls include buttons for "先頭" (Home), "キー" (Key), "ステップ" (Step), "逆再" (Reverse), "再生" (Play), "ステップ" (Step), "キー" (Key), and "最終" (End). Below these buttons are sliders for "速度" (Speed) set to 100% and "音量" (Volume). At the very bottom, a status bar displays "FRAME: 213", "TIME: 00:00:07:140", "FPS: -----", and "ZOOM: 40 %".

6. Color Typhoon Images (Oct, 6, 2009-Oct, 8, 2009/1H)

Brightness Temperature
MTSAT-1R
IR1(10.3~11.3 μ m)



A screenshot of the FrameFree Player interface. The window title is "color_typhoon.fm3 - FrameFree Player". The menu bar includes "File", "View", "Play", "Sound", "Option", and "Help". The main display area shows a large satellite image titled "Brightness Temperature (MTSAT IR1)". Below the image is a color scale legend with values 125, 150, and 175. The bottom control panel includes a progress bar from 0.0 to 71.0sec, playback buttons (FIRST, KEY, STEP, BACK, PLAY, STEP, KEY, LAST), a speed control set to 100%, and a volume control. The status bar at the bottom shows "FRAME: 847", "TIME: 00:00:28:281", "FPS: 32.3", and "ZOOM: 33 %".

Contact

Monolith Co., LTD

Nobuo Akiyoshi (CEO)

2F-6-4, Azabu-Jyuban

2-Chome, Minatoku, Tokyo 106-0045

TEL: +81-3-3470-8677

FAX: +81-3-5771-3558

E-mail: nobu@monolith-prime.co.jp

<http://www.monolith-prime.co.jp>

Monolith Co., LTD