

## 5.10 Slide Show Tool

### Overview

The Slide Show Tool provides another method for forecasters to observe the motion, growth, and decay of radar echoes. The slide show tool is capable of displaying different products from different times, while the animation tool is limited to a linear time sequence of one product. For example, in the following screen shot, different 4 slides of different products will be shown in the QLW for 10 seconds. Additionally, multiple windows can be configured and coordinated so that images in different windows change at the same time.



**Tip:** For multiple window presentations it is convenient to use setup/output to configure the start-up window location, window size, and legend on/off.

The **Slide Show Tool** defines the characteristics of a slide show. Click on the slide show icon to display the tool.

	Site	Type	Product Name	Time Lag	Dwell Time
	*	VIL	01_20_200	1	10
1	*	PPI	Z_005_300	0	10
2	*	CAPPI	Z_1TO10_200	0	10
3	*	TOPS	20DBZ_200	0	10
4	*	VIL	01_20_200	1	10

First, enter the number of slides in the “Number of slides in show” field. IRIS will then insert the specified number of blank rows into the slide list. At this point, each slide (1–4) must be populated with information about the product that it will display. The user specifies the data for each slide by clicking the slide number (or row), specifying the desired information (site, type, product name, time lag, dwell time), and then clicking apply. Incorrect slide information can be cleared by selecting the slide number (or row) and clicking the clear button. Additionally, slides can be moved up or down by selecting the slide number (or row) and clicking the up or down arrows. Once the slide configurations are complete, click save and then click the “Play slide show” button to start the show. The following section describes the slide show tool options in detail.

## Play slide show

A slide show can be started in two ways. The operator can either choose to click play slide show button from within the slide show tool or by clicking the slide show button in the **Legend** area.

## Number of slides in show

This field determines the number of slides in a show. The largest number of slides in a show is 16.

## Select Product Type and Name

These pop-up menus allow you to select among products that are actually on the disk. If there is no product of the type that you want (perhaps it hasn't been made yet), then you can select the blank product name "\_\_\_\_\_" and simply type-in the name you want. Once the product is transferred to your disk, it will be displayed in the slide show.

## Time Lag

This field specifies the version of the product according to the following rules:

- 0 The current (most recent) version of the product.
- 1 The previous version of the product, i.e., the second most recent.
- 2 Two products prior to the current version, and so on ...

This feature enables the comparison of different versions of products. In a multi-window environment, the newest version of a CAPPI product could be displayed along side a CAPPI product from the pervious hour.



**Tip: If you want to make a single step time sequence, simply enter the same product type and name for each slide and then specify 0, 1, 2, ... for the lags.**

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## Dwell Time

This field specifies how long the slide is displayed on the screen, before sequencing to the next slide. In the example menu, each slide is displayed for 10 seconds.

### Explanation of Dwell Time Algorithm

The dwell time not only defines how long a slide is on the screen, it also defines a precise clock schedule of time slots for displaying the slides, i.e.,

- Slide 1 Displayed at Midnight 00:00:00
- Slide 2 Displayed at 00:00:00 plus the Slide One Dwell Time.

- Slide 3           Displayed at 00:00:00 plus the Slide 1 and Slide 2 Dwell Times
- etc. ...

The schedule simply increments throughout the day. Note that a slide show can be started at any time, but the time slots are defined by the above algorithm. This allows users to configure multi-window slide shows where the images in different windows all change at the same time and in the proper sequence.

### **Recommended Uses**

A good application is for a weather briefing display for which there is no operator/observer control of the display.