

# Software Programs Derive Measurements from Photographs

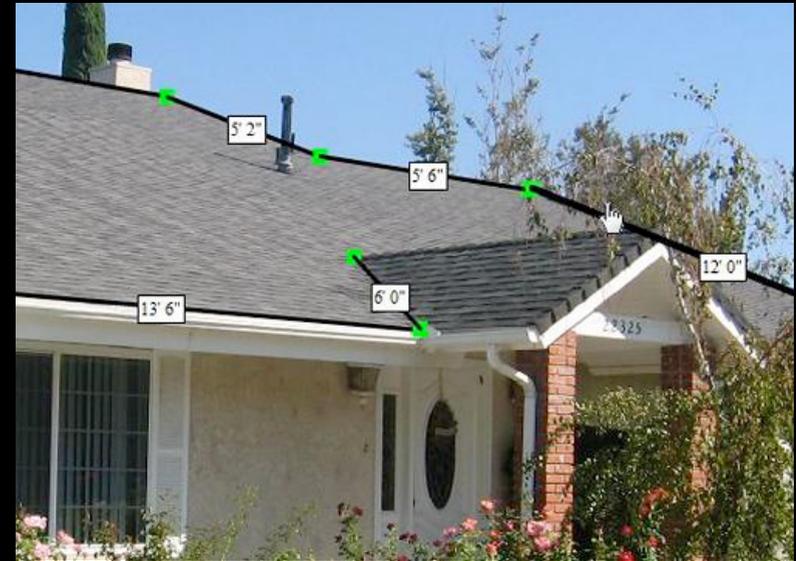


**Kennedy Space Center**

**DigiContractor Corporation  
Tarzana, California**

## NASA Technology

- ◆ Following the Space Shuttle Columbia tragedy, an investigation board spent 7 months examining the cause of the accident
- ◆ Part of the evaluation included extensive analysis of the video, including measuring the size of the material that fell and how far it fell



## Partnership

- ◆ A NASA scientist devised the program to measure the debris and, after the investigation, continued to improve the technology before it was made available for licensing
- ◆ In 2008, DigiContractor licensed the technology from NASA to use in an existing line of software products called *uPhotoMeasure*

## Benefits

- ◆ *uPhotoMeasure* takes any photograph and, with a single point of reference, derives the measurements of all other objects in the picture
- ◆ Using NASA's improvements to the technology, *uPhotoMeasure* achieves 95 percent accuracy
- ◆ Software is ideal for landscapers, plumbers, contractors, law enforcement, designers, et al.