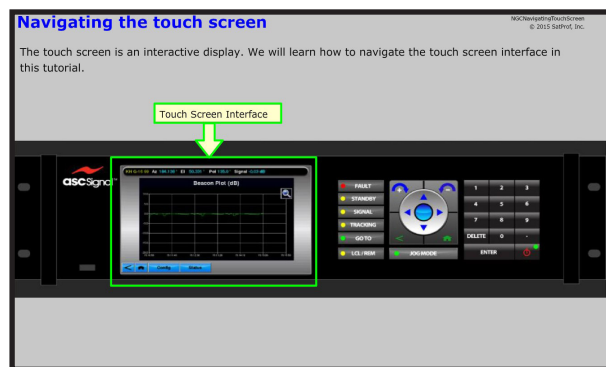


# NGC TRAINING PROGRAM

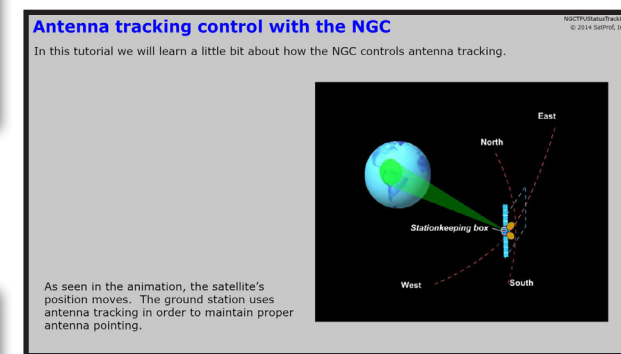
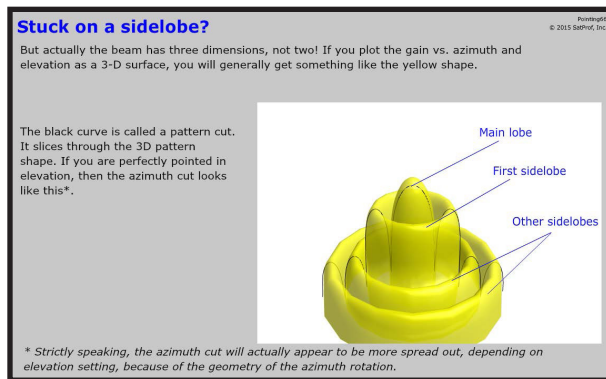
## Next Generation Controller

Kratos is a global manufacturer of satellite earth station antenna products for broadcast, government, military, and enterprise satellite communication applications. The Next Generation Controller (NGC) provides antenna pointing and tracking operation for transportable and large, fixed antennas (including Ka-band) operating on stationary and inclined-orbit satellites, as well as additional functions such as environmental system control, built-in spectrum analyzer, uplink power control, and redundancy control. The in-depth NGC online training program covers all topics needed for all levels of system personnel, whether they monitor, use, administer, configure or install NGC systems. The self-paced courses and tested certifications are delivered as integral parts of the SatProf Training and GVF Certification Program.

## You Will Learn



How to navigate the touch screen panel to access faults, view diagnostic screens, and completely configure your system.



Tracking basics, how to determine if the NGC system is tracking properly, and how to configure the system for your target satellites.

About sidelobes and the correct way to point your antenna. Practice finding a satellite and pointing using the online simulator!

# NGC TRAINING PROGRAM

## Summary

Factory-authorized training, beginning with basic skills for personnel who simply monitor the system, all the way through the detailed knowledge and skills required for full installation and configuration of the NGC system on mobile and large motorized earth station antennas. Specific NGC information is covered in detail, and fundamental satcom theory is explained as it relates to the NGC system operation and configuration. Animation and simulator-based interactivity are used extensively to explain concepts and provide realistic skills practice and skills assessments.

P/N	Course Name	Prerequisites
ASC701	NGC system overview and monitoring operation	
ASC702	Using an NGC system in fixed antenna applications	ASC701
ASC704	Administering NGC systems and Configuring Advanced Tracking Modes	ASC701/702
ASC705	NGC Fixed Antenna Applications Installation and Configuration	ASC701/702/704

## Certification

Upon completion of required online courses, the student will receive certifications through the SatProf Training and GVF Certification system, including:

- NGC Administrator
- NGC Installer

## Reference Materials Included

Each course includes manuals and reference documents which students may download and keep for future reference. Kratos NGC manuals will be available to each student.

## Delivery

Animated & interactive HTML/Flash, self-paced, on-line format. Requires Internet access while studying the course material. High speed access is preferred but is NOT required. Student's computer must have a current browser and the current version of the Adobe Flash player (free) installed.

## Kratos Website

The Kratos website provide a link to the NGC Training Program.

# NGC TRAINING PROGRAM

## NGC Course Detailed Content

P/N	Course name	Description
ASC701	NGC system overview and monitoring operation	The Kratos Next Generation Controller provides a single solution for antenna manual control and automatic tracking, as well as control of antenna environmental systems and redundant RF equipment. This course presents an introduction to the NGC family and the knowledge and skills required for technicians with NGC "Monitor" level access responsible for monitoring the status of an NGC-controlled earth station.
ASC702	Using an NGC system in fixed antenna applications	This course is intended for earth station technicians with NGC "User" level access who are responsible for day-to-day operation and maintenance of NGC-controlled antenna systems. A typical fixed, motorized 4.9m antenna system is explained in detail, and variations and options are described.
ASC704	Administering NGC systems and Configuring Advanced Tracking Modes	This course completes the full details of configuring and administering any NGC-controlled antenna and RF system. The course is intended for technicians and engineers with NGC "Administrator" level access.
ASC705	NGC Fixed Antenna Applications: Installation and Configuration	This course covers the skills and knowledge required to install, configure, and test an NGC system on a fixed, motorized antenna. The Kratos 4.9m Ku-band antenna will be used as an example, and other options and variations will be discussed. The course is intended for technicians and engineers with NGC "Installer" level access.



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