

# **ANALYTIX Corporation**

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## **APARTIAL LIST OF ANALYTICAL SERVICES**

**RTG SYSTEM DESIGN/ANALYSIS**

**ANALYTICAL & NUMERICAL TECHNIQUES**

**COMPUTER PROGRAMMING/GRAPHICS**

**DYNAMIC SIMULATIONS**

**FLUID MECHANICS**

**HEAT EXCHANGERS/HEAT PIPES**

**HEAT TRANSFER**

**ROCKET PLUME ANALYSIS/IMPINGEMENT**

**SPACECRAFT CONTAMINATION**

**SPACECRAFT THERMAL DESIGN/ANALYSIS**

**THERMAL LOUVERS**

**TECHNICAL SUPPORT SERVICES FOR: TRASYS / SINDA / CONTAM**

**ALE3D (LAGRANGE-EULER) CODE FOR IMPACT ANALYSIS**

# ANALYTIX Corporation

1818 Blakefield Circle, Timonium, MD 21093; Tel (410) 321-5710; Fax (410) 494-1575; noravian@comcast.net

## ANALYTICAL TOOLS AND PC HARDWARE

### ▶ **SINDA/FLUINT 4.0 THERMAL ANALYZER**

NASA VERSION--FREE FOR SUB-CONTRACTORS,  
USED WITH ANALYTIX'S STEADY-STATE "SNHOSD" ROUTINE  
FOR FASTER (FACTOR OF 40:1) OPERATIONS

### ▶ **ITAS (Integrated Thermal Analysis System)**

ANALYTIX'S COMMERCIAL CODE SINCE 1988  
USED FOR GROUND MESH GENERATION, INTERFACE CONDUCTANCES, RADIATION, ETC.

### ▶ **TRASYS (Thermal Radiation Analysis System)**

ANALYTIX'S VERSION (COMPATIBLE WITH NASA'S DISCONTINUED VERSION 27)

### ▶ **ITPLOT (Interactive Trasys PLOT)**

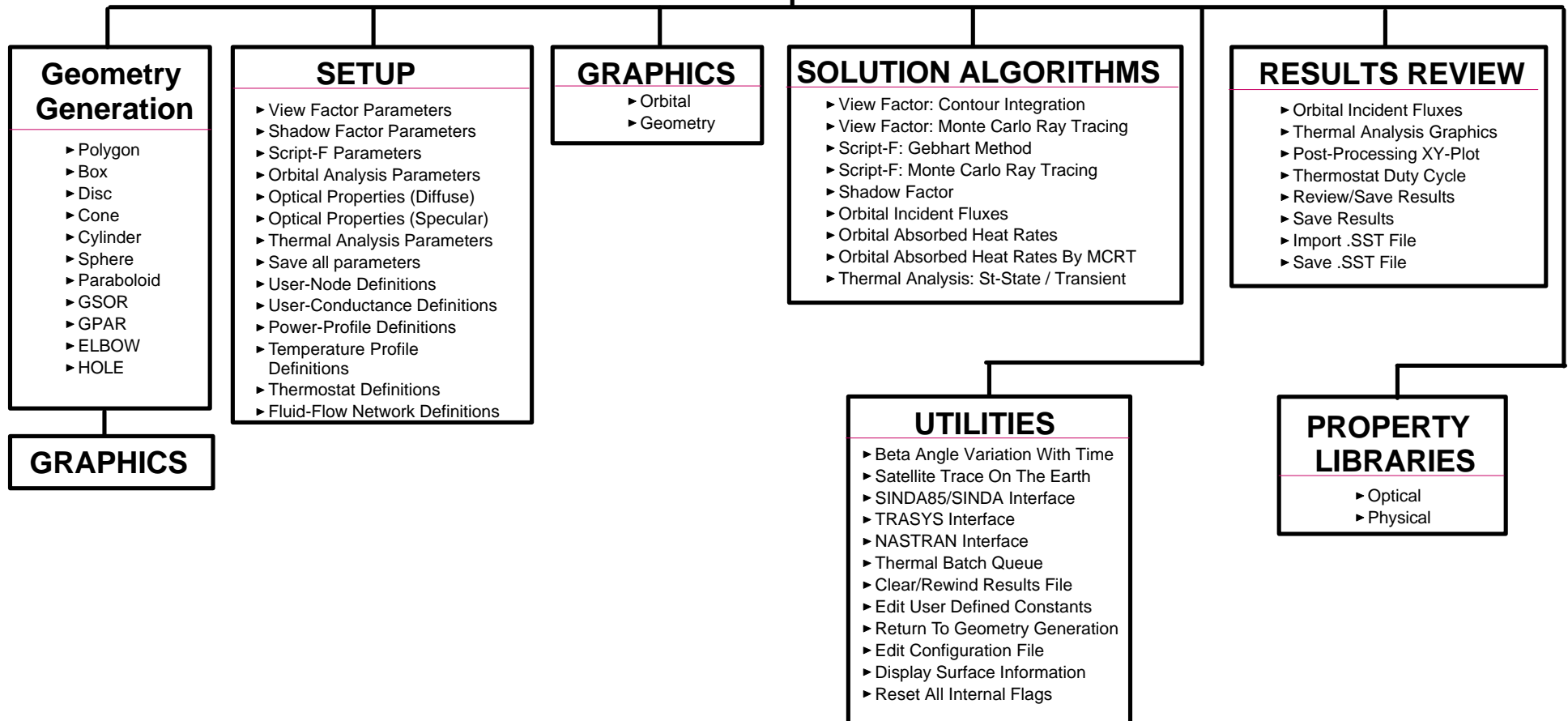
ANALYTIX'S COMMERCIAL CODE SINCE 1990

### ▶ **ANALYTIX'S PRIVATE TOOLS**

FOR MORE EFFICIENT MODEL GENERATION,  
25 YEARS OF EXPERIENCE IN CODE DEVELOPMENT  
AND THERMAL ANALYSIS

### ▶ **5 Win2000 1.9 GHz PCs**

# ITAS MAIN MENU



# Typical Steps For Performing Thermal Analysis By ITAS

