

## Satellite Concurrent Design Center (CDC) Laboratory



### Services Provided:

- Space mission analysis
- Space mission simulation
- Feasibility study of different space missions
- Space systems engineering consultations
- Training with hands on for space mission design and analysis

### Facilities Available:

- Mathcad Program
- Matlab Program
- Satellite Tool Kit STK Program
- Ansys Program
- Eurosim Simulator
- High Speed Tesla Machines

### Samples from our Projects / Products:

Mission analysis of several satellites, such as:

- EgSACube Series
- MisrSat-2
- MisrSat-3
- NExSat-1

- Training for African space agencies
- Training for Egyptian students



## Part of our Facilities / Services:

### Concurrent Design Center

Concurrent design center is a multi-discipline network that helps system engineers to integrate all required analysis, design, verification and integration phases in one network.



All system engineers can use the database of a system in order to make current and future satellite mission analysis reports and calculate their budgets.

### Design facility interface

The image shows the master Graphical User Interface (GUI) that initiates the needed software modules to start an integration session of all subsystems together.



And many others... Contact us and Enjoy our Services.