

# EXPERIENCE A LIFETIME OF GREEN WITH SURMOUNT

YOUR PARTNER IN DESIGNING,  
MONITORING &  
MANAGING GREEN

**DESIGN**  
FACILITATION &  
ANALYSES



**MANAGE & OPERATE**  
BUILDING LIFE CYCLE  
MANAGEMENT SOFTWARE



*BUILDING  
GREEN  
FOR LIFE*

**MONITOR &  
CONTROL**



**BUILDING  
AUTOMATION &  
SURVEILLANCE  
SOLUTIONS**

# DESIGN GREEN

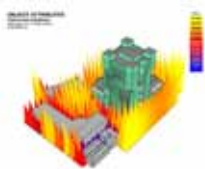
Surmount offers a number of services that work in an integrated manner to deliver the most cost-effective green buildings.

## LEED®, GRIHA, BEE Star Rating & HRC Facilitation Services

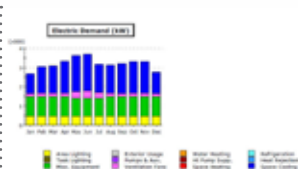


Surmount offers facilitation services for green certifications such as LEED®, GRIHA and for compliance with ECBC requirements. Many parts of India have now made adherence to High Rise Committee requirements compulsory. These requirements involve a number of environmental regulations which Surmount is an expert at facilitating. Surmount is a member of both USGBC and IGBC and has a team of several LEED® Accredited Professionals with international experience, who help clients achieve their Green Certification objectives.

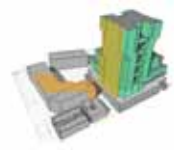
## Building Analysis & Performance Simulation Services



**ALBEDO ANALYSIS**



**ENERGY ANALYSIS**



**REFLECTION ANALYSIS**



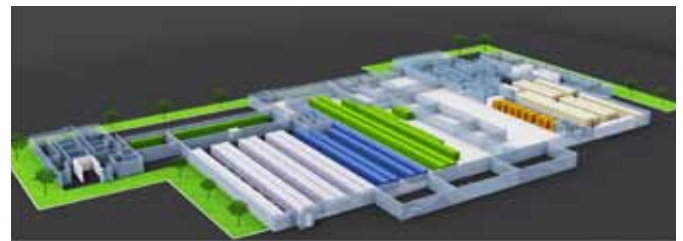
**SOLAR PATH ANALYSIS**

Surmount provides analytical services pertaining to practically every aspect of Green Design. Energy, Daylighting, Lighting, Light Pollution, Water, Air Flow, Acoustics, and Traffic and Pollution constitute some of the analyses areas. Our outputs are aimed at assisting the Integrated Building design process through "what-ifs" on various design options. We use a broad range of globally accepted software tools to conduct these analyses to serve both India and the U.S. markets.

## Commissioning & Audit Services

Building system commissioning and audits are a critical part of the Green Certification process as well as important for those trying to achieve energy efficiencies in existing buildings. At Surmount, we have richly experienced professionals who can perform the commissioning process as per LEED® and GRIHA requirements and BEE certified energy auditors to perform Energy Audits.

## Building Information Modeling (BIM) Services



Building Information Models (BIM) is a new technology that can create efficiencies in the construction process and also support efficient facility management post-construction. BIM supports green design by eliminating conflicts between various trades, ensuring that the right amount of materials are available and by providing a single source of data for variety of needs thereby ensuring a common understanding of the required outcome for the building.

## GreenTrack™ Software for Managing Green Projects



Surmount offers a unique software that helps clients manage multiple green projects and their documentation efficiently. It offers access to any data related to green certification and the status of the certification over the web to create a transparent green project management system for the clients' organization.

# MONITOR & CONTROL

Building Monitoring & Control is a requirement in today's sophisticated buildings to manage a variety of needs ranging from efficiency, safety and security to convenience and comfort. Surmount offers both its own unique technology, BuildTrack™ for building monitoring and control as well as various third party solutions that address a broad range of needs in both Residential and Commercial Buildings. Depending on the need, these systems can span the entire building to operate as a network or operate locally within an apartment or cabin in a self-sustained mode. These systems can be built using either wired or wireless technology, depending on the situation and budget. The capabilities of such systems include:

- Energy Measurement & Management
- Equipment Health Monitoring
- Efficient Lighting Systems
- HVAC Controls
- Surveillance & Security Management
- Safety from Fire, Gas, High CO<sub>2</sub> & CO Levels

Surmount helps a broad range of residential, commercial and retail clients to define cost-effective solutions and then supports the implementation and maintenance over the life of the building.



# MANAGE & OPERATE

Managing and operating any residential or commercial property efficiently yields economic benefits for the owners while improving the satisfaction of the tenant or residents of the property. To enable efficient property management, Surmount offers BuildTrack™, a web-based software platform that enables developers, owners, facility managers and tenants to operate and manage their property safely and economically both during the development and operation phases. BuildTrack™ is the complete Building Lifecycle Management System spanning a number of needs such as.

- Customer Relationship Management
- Property Information Management
- Facility Management
- Disaster Management
- Lease Administration
- Surveillance Management



## Company Overview

Surmount Energy is a leader in Green Building solutions and services. We are uniquely different in our ability to enable buildings that are 'Green for Life' through our offerings of Green Design services, Building Monitoring & Control technologies and Lifecycle Management & Operation solutions. We serve the largest developers and Government bodies in India and various architects and engineers in the U.S.

### SUPPORTING LANDMARKS WORLDWIDE...



The Capital  
The Wadhwa Group



The Address  
The Wadhwa Group



C66  
The Wadhwa Group



Runwal Greens



Takshashila

### OVER 100 PROJECTS ACROSS THE GLOBE



Orbit  
Enclave



Orbit  
Terraces



Springmills Tower 1  
Bombay Realty



Futorex  
Marathon



Greenwoods  
Ackruti



Solaris  
Ackruti

### OVER 3000 STORIES OF SUSTAINABLE SKYSCRAPERS



Vadodara Airport



ITT XYLEM



Pristina  
Hiranandani



Sky Suites  
Indiabulls



Bhagtani Krishaang  
JG

# SURMOUNT

Innovation to Integration

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