

Architecture Update

Dialogue

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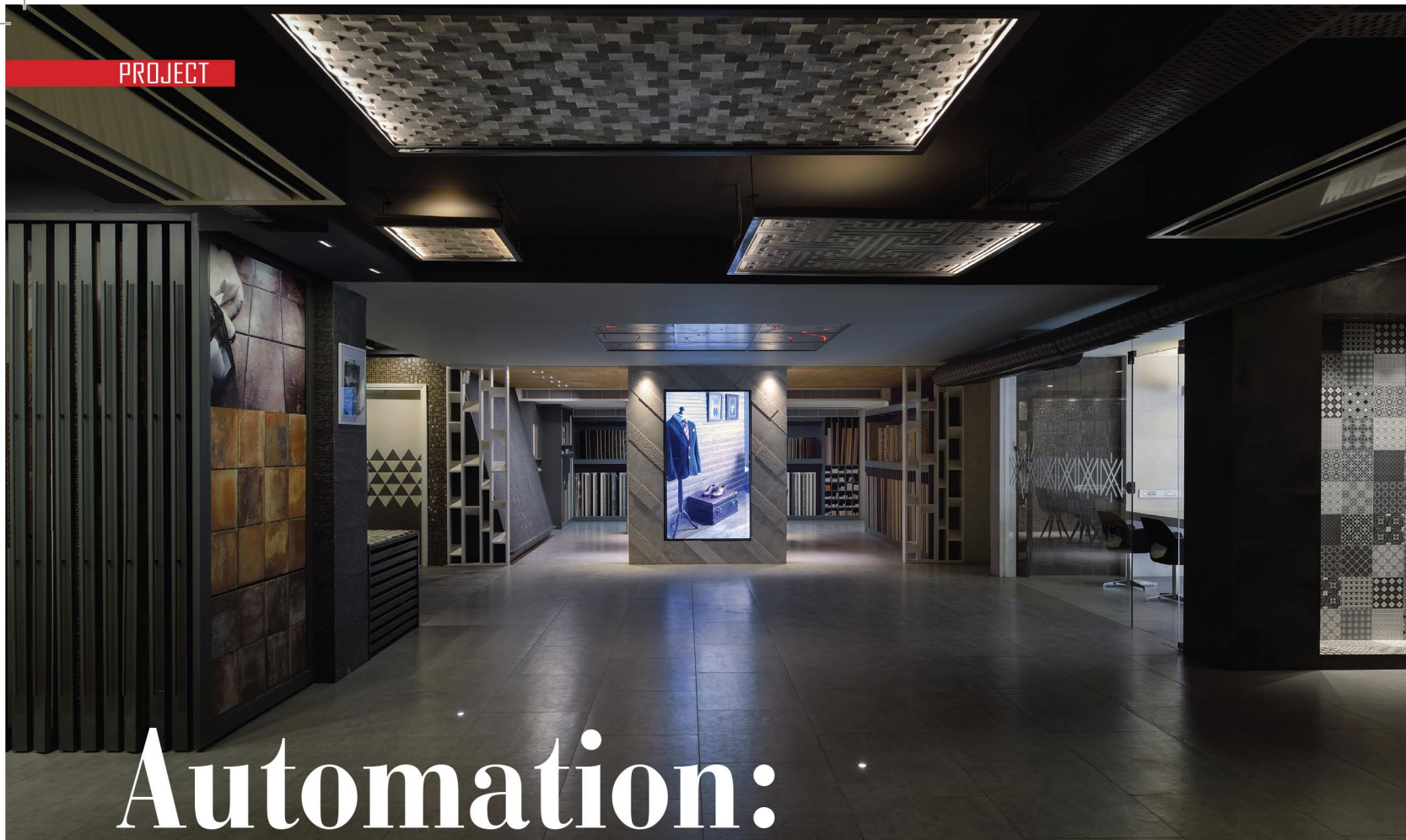
Special Feature

Building Automation
Systems



Gene-X in Design

Creating Strong Footholds



Automation: Offering Ease of Control

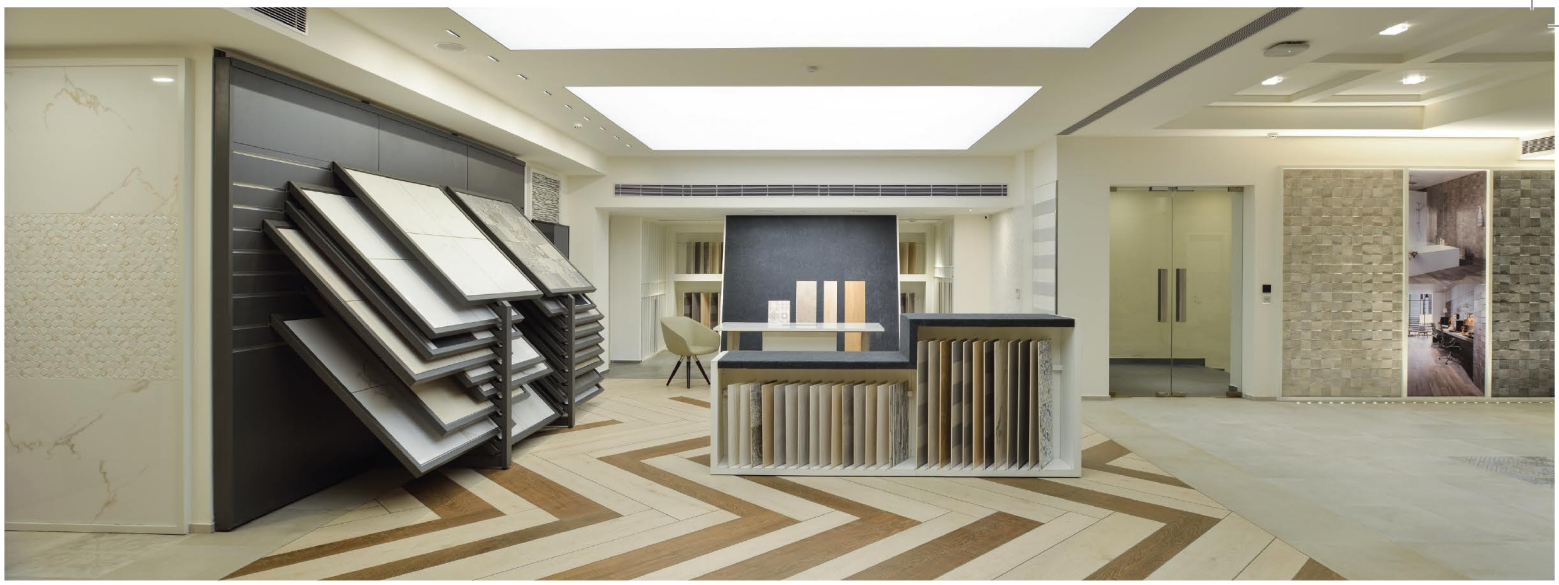
Marmo Homes, New Delhi, ATPL

With building management systems taking its position in almost every project holistically, controlling various systems with a single touch has made people's life so much easier. ATPL helps its customer to design automation system for ease of control.

Spread over 30,000 sq feet of interior space, the project is a showroom for the finest interior tiles, giving customers multiple options to choose flooring, tiles, wall coverings and bathroom fittings from various high-end brands, all under one roof. The brief from the Lighting consultant Harmeet Singh was that the space should be complemented with the right lighting ambience to ensure that the products are shown and displayed in a manner that highlights the floor and wall coverings to potential buyers. Since the showroom is primarily for clients visits through appointment, the energy-saving had to be in place for the times when any space in the vast showroom is unoccupied.

Anusha Technovision Pvt. Ltd. (ATPL) designed the automation system with a Lutron HQP6 Processor system. The control was enabled via wireless wall mounted keypads and the energy saving was accomplished in two ways. One, a time clock adjusted the lighting scenes in various areas depending upon the time of the day. During the less busy hours, the lighting by default in any area was at a lower level, which changed to higher





levels during peak hours. The sales people have the provision of manually increasing the light levels – when showing a specific exhibit to a customer. Also, most of the areas have been provided with occupancy sensors, which either dim the lights or shut them off completely when a space is unoccupied. Moreover, with the help of controls, lighting levels can be adjusted to get the right level- neither too bright nor too dim.

As per the owner, Raman Arora, the showroom had one of the finest collection of floor tiles and wall coverings and needed systems that align with the high-end products.

Good lighting design combines the correct light fixtures for the application with lighting controls to give flexibility and the right ambience. All the controls on the walls are also replicated on the smart phone and Ipads that the staff have, as an additional control option, when showing the customers around in the showroom. ▲



AnushaTechnovision (P) Ltd. (ATPL) is a system integrator for Lighting Controls and Automation Solutions for Luxury residences, Hospitality projects, Retail stores, Corporate offices, Studios and Multiplexes. Starting out as India distributors for Lutron Lighting Control Systems (USA) and Crestron Automation Systems (USA) in 2002, today, the company has over 15 years of experience in providing solutions for automation and lighting controls to over 200 clients across the country.

Based out of New Delhi, Mumbai and Bengaluru, ATPL aims to demonstrate the benefits of Automation by means of a direct experience offering complete turnkey solutions until delivery and maintenance. In line with the 'Smart Homes' of today, the ATPL Experience Center showcases Lighting and Shade controls along with LED dimming technologies, Motorised Shades, Home Theater systems, Audio Systems, Specialised High-End Speakers, Security Systems and Intelligent Locks, Home Automation, Video Technologies, Video and Audio Media Distribution, AV systems, Motorized TV Lifts, Media Servers, HVAC controls etc. Maintaining the spirit of Sustainable Buildings and as a result, Green Technologies, ATPL also provides Lighting Management Systems for corporate offices, validating their success through renowned projects.