



partnered with

ENTERTECH SYSTEMS

1-855-ENTERID (368-3743)

## Modern Biometric Access Control adds Luxury and Freedom to Urbanites in Seattle Luxury High-Rise

“ENTERTECH SYSTEMS and Suprema definitely delivered on the cool factor...Modern, clean lines and state-of-the-art technologies like biometric access make our residents' daily lives organic and effortless.”

– William Leahy, VP of Construction, Western Region, Wood Partners



### CASE STUDY:

## The Challenge

TPS Technologies is a full-service low-voltage integration contractor that specializes in access control, surveillance, structured cabling, and audio video system design, installation, repair and service. They were hired by Wood Partners, a leading American residential developer, as the design/build contractor for access control, surveillance and digital signage for Dimension by Alta, a new luxury high-rise apartment complex in Seattle.

The residents of this high-end rental property are sophisticated urbanites with busy, fast-paced lives. Wood Partners' vision was to develop, build and manage residences that “improve people's lives by creating better communities,” and to that end, they wanted to ensure residents are able to move freely throughout the property without the need for keys, fobs, cards, etc.

TPS was tasked to find a hip, modern access technology that would meet their expectations for ease of use and a premium experience, and would allow them to move naturally throughout the community, completely unencumbered. The system also had to integrate with phone entry for visitor access.



TPS TECHNOLOGIES

### SOLUTION HIGHLIGHTS

**Facility Size:** The property consists of six underground parking levels, a lobby level, 25 residential floors and a rooftop gathering area. TPS Technologies designed and installed the system for three exterior entrances, one parking entry, 24 interior doors, and three elevators.

**# of Enrolled Users:** 350+

**Authentication Modes:** • Finger • Key Fob • RF Transmitter

**Devices Installed:** • Suprema BioEntry W • Secure I/O  
• Suprema BioStation T2 • Lift I/O





◀ *Dimension by Alta is a new luxury high-rise apartment complex centrally located in the north end of the vibrant Belltown district, close to Seattle Center and South Lake Union. Features include an expansive roof deck with fire pit and gas barbecues, a rooftop residents' lounge,*

*exercise facility with bicycle workshop, and spectacular views of the Seattle skyline, Puget Sound and Bainbridge Island.*



## The Solution

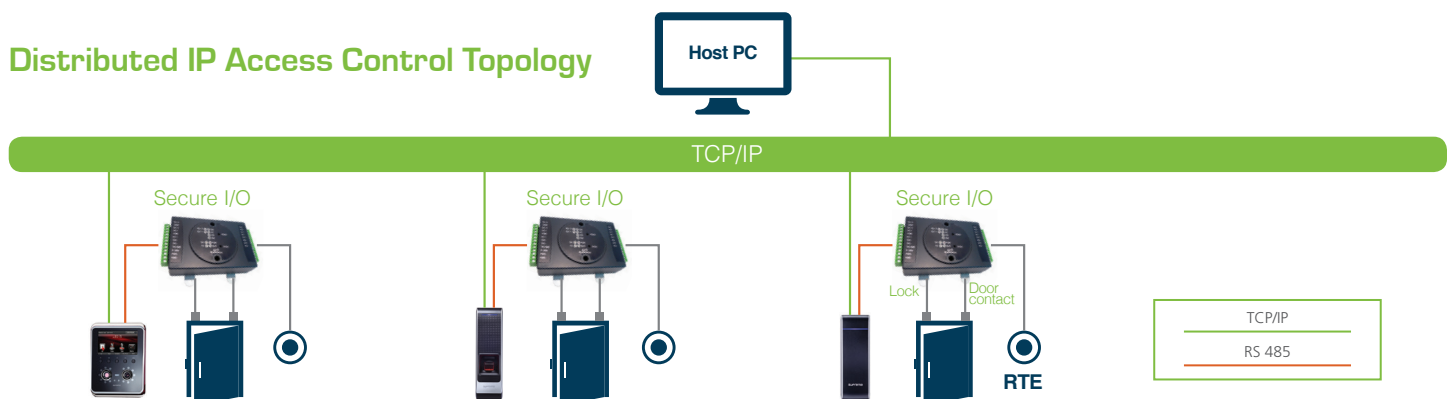
After thorough research of the property's access control requirements, TPS Technologies presented Wood Partners with the solution that would fulfill all their needs: ENTERTECH SYSTEMS partnered with Suprema.

"ENTERTECH SYSTEMS was able to provide the hardware and software that enabled us to best satisfy Wood Partners' needs," said Jason Fuller, President at TPS Technologies. "The decentralized nature of the Suprema system allowed for a timely and cost-effective installation process."

Wood Partners also required a system for tenant access that could integrate with telephone entry for visitors.

"We couldn't find an interconnected telephone entry function with any other biometric supplier, but through our partnership with ENTERTECH SYSTEMS, we were able to successfully fulfill the client's need on this very specific requirement," said Fuller.

### Distributed IP Access Control Topology



▲ ENTERTECH SYSTEMS provides both centralized and distributed access control architectures. Above is an example of a distributed IP access control topology.





partnered with  
**ENTERTECH SYSTEMS**

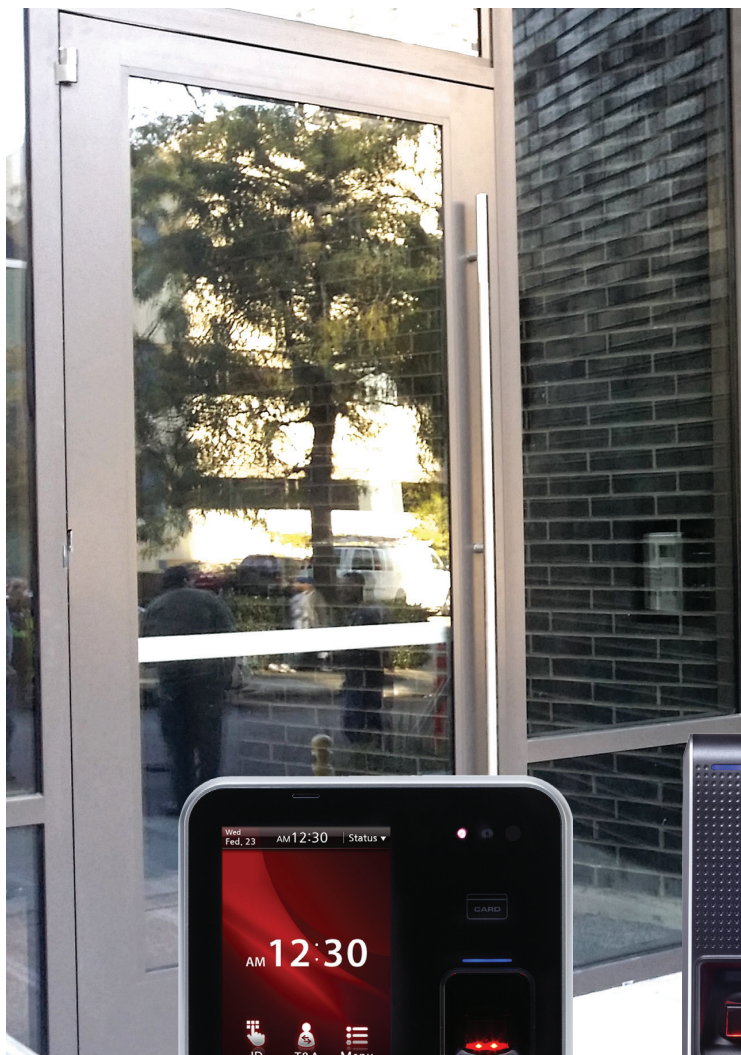
1-855-ENTERID (368-3743)

## The Results

"ENTERTECH SYSTEMS and Suprema definitely delivered on the cool factor for Dimension by Alta," said William Leahy, Wood Partners VP of Construction for the western region. "With the new system, Dimension truly lives up to the standards of a luxury high-rise residential complex – modern, clean lines and state-of-the-art technologies like biometric access make our residents' daily lives organic and effortless."



▲ BioStation T2 at front entrance is connected into the telephone entry system.



**Installed Suprema readers  
at Dimension luxury high-rise**



▲ A BioEntry W secures access to viewing deck gathering area.



"Working with ENTERTECH SYSTEMS, everything from specifications, quoting, delivery through to installation and enrollment has been a good experience for us. The sales and support teams were very knowledgeable about Suprema products and provided timely help whenever we needed it," said Fuller. "The ENTERTECH SYSTEMS model of collaboration and their willingness to help find outside-the-box solutions like connecting the Suprema biometric reader to the telephone entry system was of tremendous benefit."



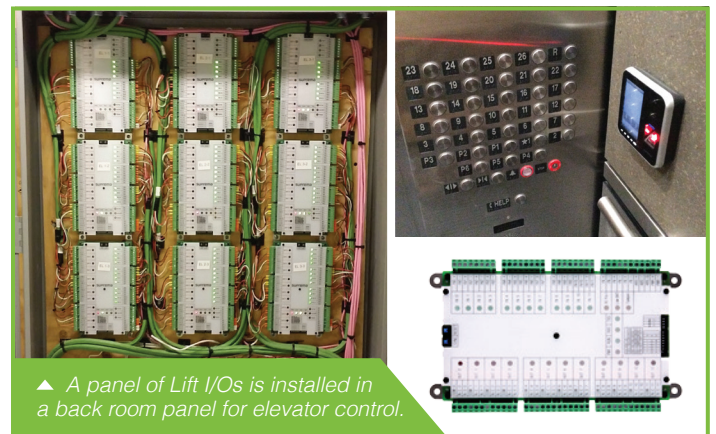
▲ A panel of Secure I/Os is installed in a back room panel for door control.

## How does the elevator access control module work?

Suprema's elevator access control I/O module, Lift I/O, is the perfect tool for restricted access to specific floors. All it needs is a Suprema reader, BioStar SE and Lift I/O.

Each module can control access to up to 12 floors, using an RS-485 port to provide secure communication with the readers. Each reader can connect via daisy chain with up to 10 Lift I/Os, which allows for the potential control of up to 120 floors.

Access to each floor is highly customizable. Using BioStar SE software, each Lift I/O can be configured to control access to specific floors and assign access rights by user or group.



▲ A panel of Lift I/Os is installed in a back room panel for elevator control.

### About Wood Partners

Wood Partners is a national real estate company that acquires, develops, constructs and property manages high density and mixed-use communities. It ranks consistently among the top five multifamily developers in the country. Through quality construction, responsible land development and intelligent design, their communities reflect the aesthetic and social fabric of the community and provide a luxurious living experience at a fair price. The company has been involved in the acquisition and development of more than 53,000 homes with a combined value of more than \$8.3 billion nationwide. The company currently owns more than 75 properties with a combined total of 21,000+ units. Wood Partners has offices in 18 major markets nationwide including Atlanta, Austin, Baltimore, Delray Beach/South Florida, Boston, Charlotte, Chicago, Dallas, Denver, Houston, New York, Southern California, Orlando, Phoenix, Raleigh-Durham, San Francisco, Seattle, and Washington, D.C. For more information, visit [www.woodpartners.com](http://www.woodpartners.com).

### About TPS Technologies

TPS Technologies is a full-service low-voltage integration contractor specializing in access control, surveillance, voice and data cabling, structured cabling, and audio video system design, installation, repair and service. The company has over 20 years experience in installation, repair and integration of low voltage systems. TPS Technologies emphasizes integrity and ethics and is highly customer-focused, always looking to innovate and enhance products, service and solutions. They continuously strive to refine and improve their technological capabilities and operational efficiencies. A highly qualified project-oriented specialist team ensures that no project is too large, too small or too complex to successfully manage. For more information, visit [www.tpstech.net](http://www.tpstech.net).

### About ENTERTECH SYSTEMS partnered with Suprema

ENTERTECH SYSTEMS provides market-leading intelligent identity management solutions. Its biometric access control and time and attendance systems are purpose-built to overcome the three main obstacles to mass market adoption of biometrics: cost, complexity and on-boarding users. ENTERTECH SYSTEMS is the North American operating partner for Suprema's family of #1 rated biometrics (finger, face, card and PIN), biometric algorithm, SDK, IP Network and application software products. The company's industry-first BioConnect cloud and mobile applications enable Suprema's biometric readers to be quickly and easily integrated with leading access control systems. For more information, visit [www.EnterTechSystems.com](http://www.EnterTechSystems.com).