



SYSTEM ONE

SYSTEM ONE

Before it was a product, System One was a purpose.

We relentlessly pursue innovation, in every sense of the word. In the course of our quest to deliver the premiere user experience, we have developed new methods of programming and applying smart technology, even new technology itself.

The smart home is at our roots, not part of our evolution. When the home automation movement began to take hold and compel others to transition to that business, we were already on a path to honing and perfecting what we had been learning through years of field experience and our own research and development.

Not knowing necessarily how technology will change, but only that it will, has driven our pace and our logic. Specialization requires a carefully defined focus. We have partnered with a select echelon of manufacturers whose core competencies align with our mission, and whose products give us the freedom to create for now with the flexibility to adapt for the future.

This platform encompasses a standardized list of processes as well as products. The Casaplex curriculum for every department is characterized by its depth rather than breadth. Our narrow concentration begets expertise, and a level of craftsmanship evident from the intuitive design and programming of our systems to the clean and careful wiring of our racks.

While we customize each of our systems to fit the client and the space, the philosophy of System One remains constant.





SYSTEM ONE

- 6. AUDIO
- 9. VIDEO
- 10. MEDIA ROOMS/THEATER
- 13. LIGHTING CONTROL
- 14. AUTOMATED SHADING
- 16. WHOLE HOME CONTROL
- 18. POWER
- 21. NETWORKING
- 22. SECURITY
- 25. OUTDOOR SPACES
- 26. PARTNERSHIPS
- 29. OUTLOOK



AUDIO

Performance and aesthetics of sound

Audio plays a major role in dictating the ambiance of a home, and the experiences therein. In addition to the quality of the sound, System One accommodates for coverage, sources, appearance, and control. The ability to adjust where and what music is being played – whether indoors or outdoors – is a key factor in the user experience.

Design is another question: how do you want your sound to look? Whether a pair of custom handcrafted speakers, in-ceiling units whose architecture matches that of recessed downlights, or invisible speakers completely hidden within a wall or ceiling, the premium audio facet of System One can visually complement any space.





VIDEO

Premium picture quality and control

Advances in technology have elevated visual media to a new level of color and clarity; as a result 4K is the System One standard. Displays themselves are sleek, as thin as a quarter inch, and able to be recessed within furniture or hidden behind a mirror, only appearing when needed. The System One viewing experience is marked as much by the stunning picture quality as the ease of use.

The process of choosing what to watch should be unencumbered by myriad pieces of hardware. Changing the content – whether satellite, Blu-Ray, or a streaming service – on the screen and the room where viewing is done simply, via one point of control. The hardware for these various content sources stays out of sight, located within the System One equipment rack to eliminate clutter from the viewing area and keep focus on the screen.

MEDIA ROOMS AND DEDICATED THEATERS

Delivering the ultimate viewing experience

Private cinema represents an intimate convergence of technology and construction. Acoustics and electronics must be accounted for in a way unique to the rest of the home, and call for a specific method of building in order to deliver optimal performance. As such, The Casaplex Encore Theater comprises the design and construction of the physical space, in addition to the technological aspects and integration into System One. Our in-house team crafts custom acoustical panels, trim elements, and more in our woodworking facilities, and completes the on-site installation in tandem with the wiring, speakers, and other gear.

The scale and function of the room may vary, from a room exclusively dedicated to viewing movies to a larger space containing an adjacent seating area and kitchen. Regardless, the resulting System One integrated product is a bespoke environment showcasing the best in private cinema.





LIGHTING CONTROL

Putting your home in the right light

Light pervades nearly every space and activity within a home. When regulated by conventional on/off switches, lighting remains a cold and constant backdrop. When controlled however, the results are visual magic: light becomes alive and dynamic, an integral component uniquely woven into every experience. Activities are meant for differentiated layers of light, and System One lighting control promises that with the ease and convenience of touching one button.

The comfort of a room, the quality of a picture, the emphasis on artwork, the fidelity of speakers – all are optimized when experienced in the right light. System One achieves that through intuitive design befitting each room’s application, and deploying that design via sleek controls whose engraved buttons clearly denote each beautifully programmed lighting scene.

AUTOMATED SHADING

Bringing out the best in natural light

The System One perspective on lighting control extends from the wallbox to the windows, since control of electric light cannot be fully appreciated without control of daylight. Deploying total control at the touch of a button, automated shades perfectly embody the concept of function meeting fashion. Shades move in sync and in silence, fabricated in beautiful materials to lend aesthetics to practical demands.

From protecting interiors from fading to reducing heat gain for comfort and energy efficiency, the System One platform incorporates shades to provide a controllable filter to enjoy natural light's benefits. They can also reduce it for privacy, or eliminate it entirely for glare removal. Just as with electric light, the appropriate levels of natural light vary by activity, therefore require control.



S

SYSTEM ONE

WHOLE HOME CONTROL

Centralizing your home's functionality

All of the systems available to outfit a smart home – lighting control, distributed audio, security, etc. – have inherent benefits that lend both practicality and enjoyment to everyday activities. A well-designed and programmed whole home control system – the hallmark of System One – serves as the differentiator between a smart home and a home with smart technology.

System One unifies all of these systems under one umbrella, where they can communicate and be controlled within one interface, which is the only method for truly maximizing the value of smart home technology. Standardizing on one brand of whole home control has resulted in a level of in-house expertise that has in turn yielded programming applications and efficiencies unique to System One.



POWER

The life source of every system

Like oxygen to the body, so too is power to System One: in the absence of a clean and reliable source, the system will cease to function and vital components will suffer damage. Power must be consistent, steady, clean; we achieve this by filtering and cleaning incoming line voltage, and transmitting a consistent voltage to the rest of the System One body of equipment.

This process incorporates surge protection as well, mitigating the effects of voltage sags and spikes on system componentry. A battery backup acts as a final line of defense in the event of power outages, applied according to specific calculations dictating the amount of battery power needed to keep critical System One faculties running.





NETWORKING

A robust and powerful infrastructure

As power fuels the smart home, its network provides the system integrity. It is the backbone of a System One smart home: connecting the various smart subsystems, promoting the fast and reliable flow of communication, enabling a contiguous WiFi system throughout the house to support all mobile devices and streaming content – these are the hallmarks of a well-defined network.

Implementing enterprise-class networks and firewalls suitable for commercial environments ensures that a System One network will have the protection and performance unparalleled in the residential market.

SECURITY

Safeguarding what matters most

System One takes a holistic approach to home security, with a three-tiered platform consisting of surveillance, monitored intrusion detection, and access control. Camera feeds can be accessed via mobile device for an instant visual of the property, and footage is recorded and stored for reference. Sensors detecting human motion, glass breaks, or door opens, trigger an alarm when these events occur, and send an alert to the monitoring service. Selectively restricting home entry – whether via a keypad combination, key fob, or biometric reading such as fingerprints – gives a new layer of control.

The scope of the System One method positions a home to be truly secure.





OUTDOOR SPACES

Bringing in-home comforts to the outdoors

Outdoor areas have become extensions of a home's indoor living space, and focal points for gathering and entertaining. For these purposes, System One treats patios, lawns, and pool areas with the same outfitting as a home's interior. Displays rated for outdoor use and landscape speakers disguised within foliage facilitate the outdoor audio visual experience.

Control of outdoor lighting, whether around a seating area or within the pool, lend comfort and ambiance to the space. Automation of filtration, sanitation, and other pool maintenance minimizes time or thought spent on such tasks. As flexible and customized as an in-home system, enhancing a home's exterior with the System One platform elevates the outdoor living experience.



PARTNERSHIPS

In keeping with our philosophy of seeking and standardizing on excellence for our internal operations, we carry the same mindset toward our external associations. Our market is a shared space of those who specialize in their respective fields. Success here is measured by stunning workmanship, timely delivery, and personalized service, and achieved only through tight communication and coordination among the multiple trades.

With an eye toward collaboration as well as craftsmanship, we have cultivated an ever-growing network of industry cohorts whom we are proud to call partners. Our clientele, standards of work, and commitments to quality align, and we have a common vision for the teamwork required to bring this caliber of project to fruition. This network extends beyond the professionals with whom we partner to build luxury environments. Our relationships with our clients endure past the life cycle of the job, and yield partnerships in their own right. They take enjoyment and pride in what we have created for their space, and welcome the opportunity to host our group for home tours or small gatherings.

Through these relationships, we have positioned ourselves as a resource for needs outside of our home technology purview. We view our partners as an extension of our Casaplex team, and value what their cross-functional skillsets bring not only to a project but to our collective growth as a company.





OUTLOOK

Every day brings new challenges. Arriving and staying at the forefront of an industry as dynamic as ours is a moving target, and inherently dictates that we will always strive for more, for smarter, for better.

Our passion is rooted in our mission to enhance lives through technology, and gives purpose to what we work toward every day. With that comes a desire to share our craft, and deploy it in every space.

Though the System One platform is the holistic result of where we began in 2004, what we continue to research and discover does not end there. System One is the beginning, our foundation for the future we are building. Its elements infuse and inform the rest of our business: the systems for where you work and play, in addition to where you live. Every residential system we create fuels not just the next smart home and neighborhood, but also the next smart building, the next smart office.

We don't know where "next" will ultimately lead, or how it will look, or when it will arrive. But that journey is what makes it fun.

ABOUT CASAPLEX

Casaplex was founded in 2004 with the idea of interweaving networks within a home, aka the Smart Home. This was a prescient focus at our inception, but the market is now ready for what we have been honing and perfecting for over a decade.

Since that time, we have carefully curated a platform comprised of a distinct philosophy, product line, group of processes, and team of personnel, to serve as our residential foundation.

Core values of community, integrity, and innovation guide our company mission of enhancing how people live, work, learn, and play through the innovative use of technology.

The pursuit of innovation is meant in every sense of the word: not only using the latest and greatest enterprise-class technology available from our premiere vendors, but also finding new applications, even developing new technology itself.

Both our view toward the future and our passion for holistic solutions inform our practices and strategies today. We believe that smart homes and buildings will ultimately connect in ways no one has yet imagined, and we aspire to be at the forefront of that technological evolution with System One.



