Siesta Gardens Controller Requirements Specification Draft

Requirements:

1. Legal
   1. The developers and the park will adhere to all local, national, and international laws.
   2. Neither the developers nor the park, nor any entity acting on their behalf, will attempt to circumvent these laws.
2. Infrastructure
   1. Power  
      The park should utilize a stable power grid.
      1. Connection to a stable local grid
      2. Emergency systems capable of supplying 24 hours of power to essential systems in the event of power grid failure
      3. Robust, maintainable, and redundant power distribution systems
   2. Network

Legal

The developers and the park will adhere to all local, national, and international laws. Neither the developers nor the park, nor any entity acting on their behalf, will attempt to circumvent these laws.

Infrastructure

Power

The park should be reliably connected to a stable power grid. It should have emergency systems capable of supplying 24 hours of power to essential systems in the event of power grid failure. Every essential point of operation should have its own emergency system. The power distribution systems should be robust and maintainable, employ redundancy, and feature both autonomous and frequent physical monitoring.

Network

The park should have a physical and wireless communication network at all possible points. All devices and systems should use physical connections if they exist and are functional, and wireless connections otherwise. The park’s network and communications should be able to function independently of the internet.

Cameras

The park should be equipped with cameras monitoring the exhibits, all customer-accessible areas, and key infrastructure points. These cameras should be remotely articulable

* Legal
  + The park and its systems must adhere to all applicable local, national, and international laws.
* Infrastructure
  + I
* user interfaces
  + customer
  + security
  + staff
  + administrators
* monitoring systems
* protective systems
* protocols

Automated Pay Station:

Legal Notices and Agreements (acknowledgement/confirmation required):

Notice of dangers associated with activity.

Notice of protective measures in place.

Notice of danger and legal action associated with tampering with any park systems.

RFID token:

Consent to receive an active RFID token, wear at all times between entering the park and leaving it, and return it upon leaving.

Acknowledgment of the emergency alert function of the RFID token and legal action associated with triggering it fraudulently.

Option to select alternate RFID token type if bracelet style is not acceptable