demo

01-

Welcome to the digital twin demonstration presentation of SoftBank Data Center.

Firstly, we begin with the case demonstration session. Through the convenient scene switching function, you will be able to experience the following main functional modules:

欢迎来到软银数据中心数字孪生演示。

首先我们进入案例演示环节，通过便捷的场景切换功能，您将可以体验到以下主要功能模块：

02-

Rack Space Utilization Statistics: Using advanced data visualization methods, it presents the space utilization rate of each rack through vivid bar charts, making it easy to quickly identify underutilized resources, thus optimizing equipment deployment strategies.

机架空间利用率 ：采用先进的数据可视化方式，通过生动的柱状图呈现每个机架的空间利用率，方便快速识别未充分利用的资源，从而优化设备部署策略。

03-

Rack Load-Bearing Statistics: Provides detailed analysis reports on the load-bearing weight of racks, ensuring all operations comply with safety standards and effectively preventing overload risks.

机架承重统计 ：提供货架承重重量的详细分析报告，确保所有操作符合安全标准，有效防范超载风险。

04-

Rack Heat Map Data: Displays the temperature distribution across the entire floor, aiding in precise regulation of air conditioning or cooling systems, aiming to improve energy efficiency and ensure the safety of equipment operation.

热力图数据 ：显示整个楼层的温度分布，有助于精确调节空调或冷却系统，旨在提高能源效率并确保设备运行的安全。

05-

Additionally, this system provides you with a series of critical decision-support information:

Energy Consumption Statistics: Real-time tracking of the operational status and power consumption of various devices, assisting in effective management and optimized allocation of energy.

此外，本系统还为您提供一系列关键决策支持信息：

能耗统计 ：实时跟踪各类设备的运作状态与耗电量，助力于能源的有效管理与优化配置。

06-

Security Monitoring: Includes a comprehensive safety inspection mechanism, including monitoring the status of fire protection facilities, ensuring rapid response during emergencies and simplifying daily maintenance procedures.

安全监测 ：包括对消防设施状态的监控在内的全面安全检查机制，确保紧急事件发生时能够迅速响应，并简化日常维护流程。

07-

Cooling System: An in-depth explanation of the working principle of liquid cooling modules, planning to add more monitoring indicators such as temperature changes and flow rates in future versions, further perfecting the performance evaluation of the cooling system.

制冷系统 ：深入讲解液冷模块的工作原理，并计划在未来版本中增加更多监控指标，如温度变化和流速等，进一步完善冷却系统的效能评估。

08-

For an in-depth understanding of device statuses:

Rack Status Data: Enter the rack statistics interface to view basic information about the current rack and its internal equipment list.

深入了解设备状态：

机架状态数据 ：进入机架统计数据界面，查看当前机架的基本资料及内部设备清单。

09-

Rack device statistics: View internal devices to obtain their detailed data status and view the connection information with the devices.

机架设备统计 ：查看内部设备，获取其详细数据状态，并查看与设备的连接信息。

10-

Chip Unit Level: Entering this level allows for real-time understanding of the operational conditions of its various functions.

芯片单元层级：进入这一层级，可以时时掌握其各项功能运行状况。

11-

During project execution, in the face of alarm prompts, users can choose to ignore or address them based on actual conditions. Once choosing to handle it, the system will automatically locate the problem and guide managers through the steps of the corresponding solution.

在项目运行过程中，报警提示，用户可以根据实际情况选择忽略或者处理，一旦选择处理，系统会自动定位问题所在，并引导管理者完成相应解决步骤。

12-

To enhance user interaction experience, we also provide a first-person perspective character control system, allowing users to simulate the actual data center inspection process and enjoy a more immersive operation experience.

为了增强用户的互动体验，我们还提供了第一视角角色控制系统，让用户可以模拟实际的数据中心巡检过程，享受更加沉浸式的操作感受。

13-

Thank you for watching!