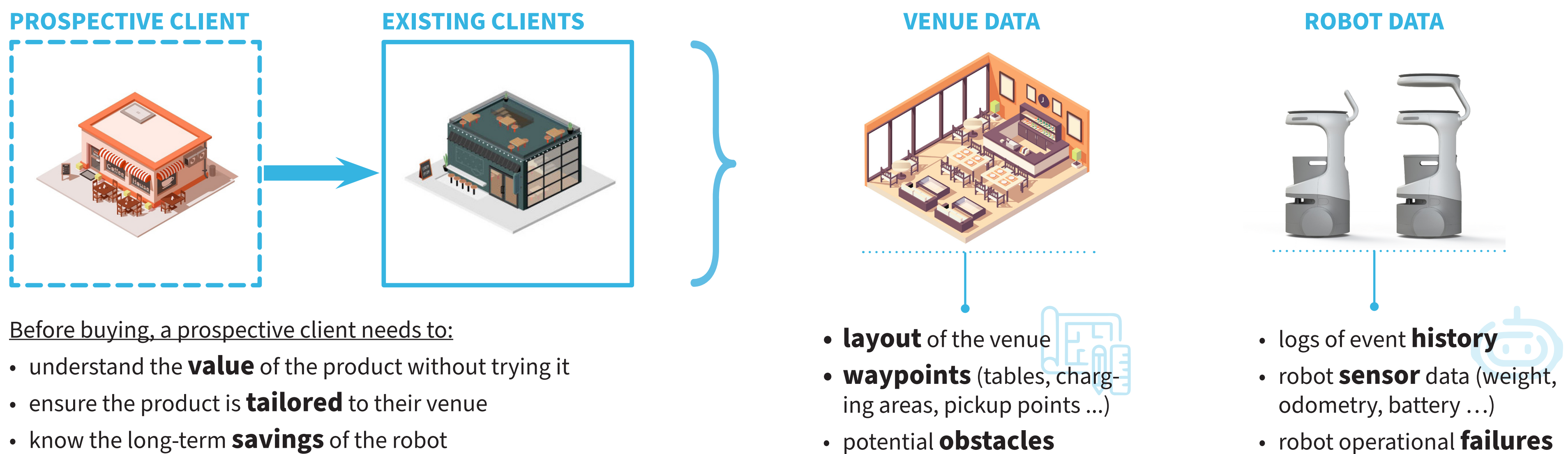


Hospitality 2.0

A Simulation Study on the ROI of Deploying Robots in Restaurants

Why do restaurants buy robots ?

Quantifying the value of robots in restaurants is hard, but we can estimate it



Before buying, a prospective client needs to:

- understand the **value** of the product without trying it
- ensure the product is **tailored** to their venue
- know the long-term **savings** of the robot

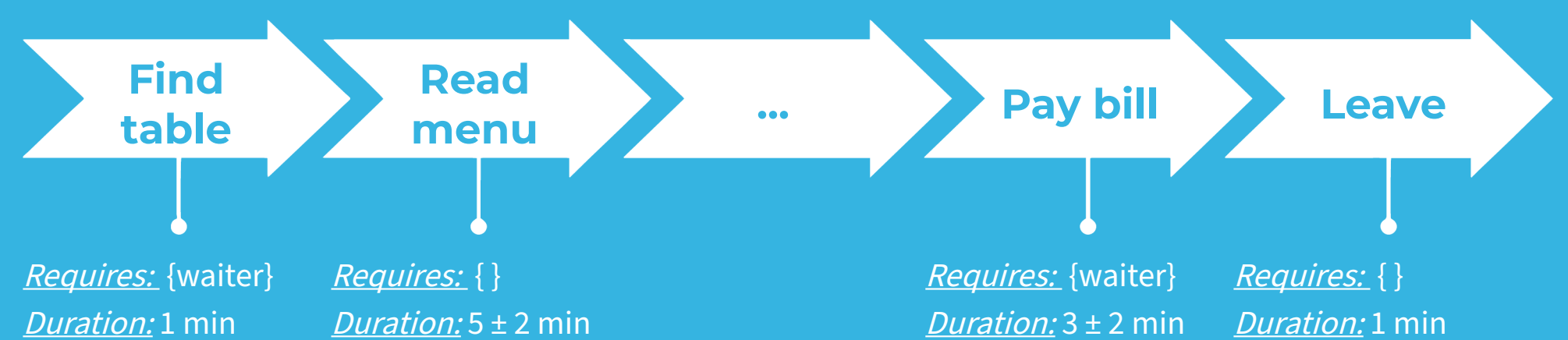
How can we model the operations of a restaurant ?

Creating a simulation environment to holistically mimic reality requires robust heuristics

The simulation segments the user journey into manageable parts:

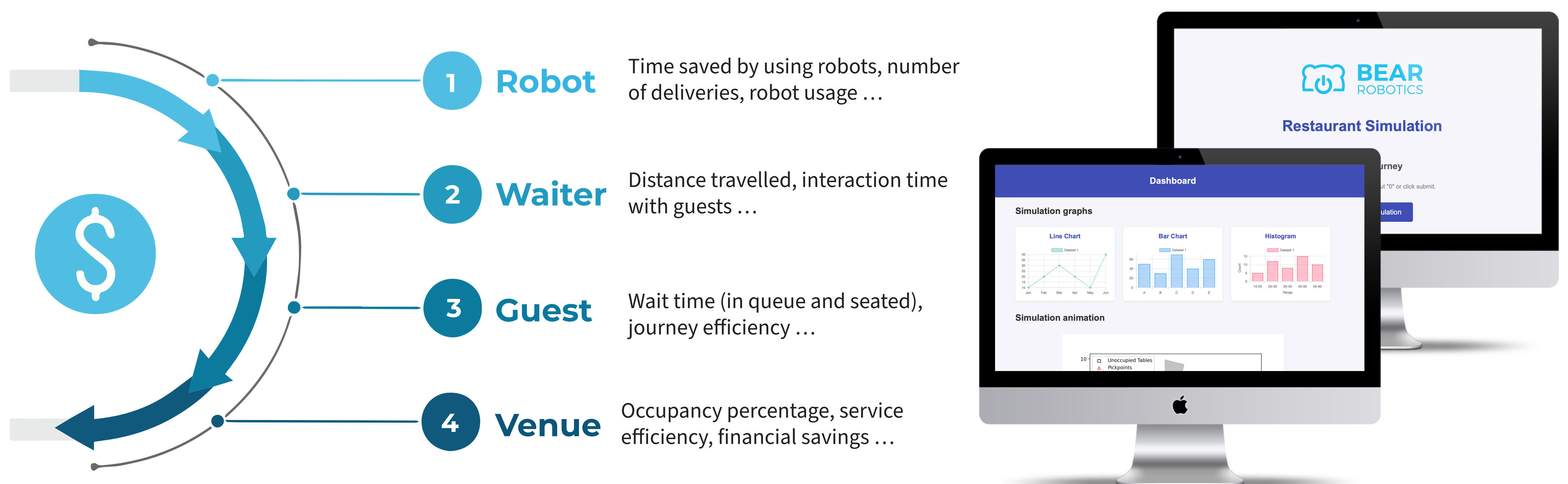
- Each guest goes through the **same sequence of events**
- Simplifies simulation and approximates general behavior of guests
- User journey is **restaurant-specific** & **customizable**
- The **time taken** for each segment is a function of staff, robots, number of people in the party and other variables

DEFINING A STANDARD BUT CUSTOMIZABLE USER JOURNEY



How can we make the results meaningful and accessible ?

Creating an interactive dashboard to showcase robot integration success metrics



What is the actual business impact of this project ?

Our goal is to grow the value proposition by strengthening product visibility and accessibility

ANALYTICS

Helps the sales team in **decision making** to better understand needs of the venue

CONVERSION

Strengthens Bear's **value** for prospective clients by using **tangible metrics**

ACCESSIBILITY

Provides concrete insights in a **friendly UI** that can be used by **any stakeholder**

CUSTOMIZATION

Uses **configurable & dynamic** simulation tailoring customer experience

ENGAGEMENT

Offers **unique selling point** differentiating Bear from competitors