Simio helped Vayhan Coffee Limited (VCL) optimize its production processes by simulating different production scenarios. The simulation identified bottlenecks, evaluated process efficiency, and explored ways to improve overall performance. By simulating retrieval of four different grades of coffee beans from inventory, and the last step of producing the final instant coffee product, without disrupting actual operations, it was determined that the spray drier is causing a bottle neck. This insight allowed VCL to make informed, data-driven decisions that could significantly boost throughput, leading to more efficient and streamlined production workflows without having to physically test changes, and impact ongoing operations.