Client: A major resorts and entertainment enterprise

Project: Car parking system upgrade and deployment

BACKGROUND

A major resorts and entertainment company scheduled a re-implementation of their improved car parking system which would allow patrons at various membership reward levels to access different carparks as well as to earn and buy parking vouchers.

CHALLENGE

The organisation had a 3-week window to conduct testing on the new car parking software version before the scheduled deployment date but realised they did not have an appropriately sized team to do so. Moreover, they enlisted their interstate talent to run this which resulted in knowledge gaps due to regional difference. They required a trusted partner to step and conduct as well as complete the testing for a successful deployment and engaged KJR to assist with this.

SOLUTION

The existing organisation documentation provided business and technical requirements in long-form text. KJR consultants broke this down into discrete business requirements and then mapped these to Test Cases, for efficiency. Tests focussed on earning points, purchasing vouchers, availability dates of vouchers and configuration options. Various simulators were used for testing different components of the system, for example retail simulator, gaming machine simulator, customer interface to ensure quality and assurance across all software-user functionalities. A test harness was also used to test xml transactions.

DELIVERABLES

- Regression testing
- Test strategy and plan
- Employed various simulators to test various components of the new system for improved for improved efficiency and reliability.

KEY OUTCOMES

- KJR consultants were able to quickly analyse organisation documents and extract business requirements to meet the projects deadline.
- Efficiently generated test cases and subsequently executed these.
- Raised defects and rectified these as required, quickly and efficiently.
- Uplifted the organisations testing capability by creating assets that enabled staff to quickly engage in test processes.