



23 Boom Lane Unit E  
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## Project - Database

### Product Configurator – Cost Analysis

#### CHALLENGES

- Program started but never completed by a past employee at Kan-Go-Roo Playground
- All costing for Playgrounds and VTT were calculated using Excel spreadsheets with hundreds of tabs
- Multiple spreadsheets and multiple lists for raw materials
- Inconsistencies in raw material pricing
- Lengthy process for pricing
- Purchasing software being used very slow and also not linked to any other documents

#### RESULTS

- All purchasing and costing information now all in one single location and linked together.
- Purchase Order system more efficient and faster, directly linked to finished products. Allows visibility of multiple suppliers for the same product.
- Changes in pricing of raw materials will automatically recalculate costing of finished goods.
- Easy access to comparing production performance of VTT

#### ACTIONS

- Completed the programming for the Playground costing
- Incorporated all other product lines into the database (VTT, Hockey rinks and Skateboard)
- Replaced the purchasing software by integrating a PO system into the database directly linked to all raw materials used for costing.
- Integrated the productivity analysis for VTT into the database

#### OTHER

- DirecSys also supports Kan-Go-Roo's requirements on demand on another database and production spreadsheet,

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