IPS Consulting Services Pty Ltd (IPS) uses a number of systems either developed in-house (over the years, based upon our project experiences) or sourced externally to deliver client projects. These systems are management tools available to our team to assist in delivering a project on time and on budget. These systems include:

- **Project Administration : Correspondence Control and Recording**

  ProjectAdmin9; Database, systems and procedures

- **Recording Working Hours : Measured against Project Phase & Discipline Codes**

  Timekeep9; Database, systems and procedures

- **Project Cost Control : Budget, Actual, Forecast to Complete – developed against Project Phase, Discipline, Area, Asset of Client specific Codes. Developed from the lowest level Purchase Order or Contract element.**

  JobCost9; Database, systems and procedures

- **Drawing and Document Control : Includes Transmittal Issue / Receipt and Tracking**

  DrawCon9; Database, systems and procedures

- **Estimating : Project Capital Cost Estimating– developed against Project Phase, Discipline, Area, Asset of Client specific Codes**

  Three system components; either a set of IPS standard, preconfigured excel workbooks, or Pronamics Expert Estimator database, or the IPS Generic Project Estimate Model for high level project estimates, as appropriate.

  Expert Estimation is customisable to suit each individual estimator. It offers features such as several spreading alternatives, 4 estimating modes and multiple currencies, as well as multi-user capabilities.

- **Engineering Change Control Manager : Management of Project Change**

  Engineering Change Control Manager (ECCM) has been designed to register and report Variations and related data such as Drawing Revisions, Technical Queries, Site Instructions and Notifications of Delay. Centralising all of this data into a single database provides numerous management and efficiency benefits

- **Planning & Scheduling**

  Primavera P6 is a most powerful, robust and easy to use solution for globally prioritising, planning, managing and executing projects. P6 is an integrated project portfolio management (PPM) solution comprising role-specific functionality to satisfy each team member's needs and responsibilities. It provides the solution for managing projects of any size, adapts to various levels of complexities within a project, and intelligently scales to meet the needs of various roles, and functions in your organization.

- **IPS TrackBase / AssemblyBase**

A web enabled system incorporating handheld PDA type scanners reporting to a centralise database.

This system captures actual progress of items, assemblies and modules in a project from design through to installation on site. As material moves through the manufacturing, transport, fabrication, installation processes, it needs to be tracked for logistical and progress monitoring purposes.

This information is captured on-location using intelligent hand-held barcode scanners programmed specifically for TrackBase / AssemblyBASE. Scanning information is then uploaded to a website from which meaningful progress and logistics reports can be derived to build and update the project schedule. This information can then entered into P6 for overall project progress.