



AUTOMATIC DISPENSING SYSTEM DEVELOPMENT

! SYSTEM CONCEPT DEVELOPMENT AND DESIGN TRADE-OFF STUDIES

Amtech's expert engineering teams are experienced in the design of complex autonomous and remotely controlled systems that have been used in a variety of applications. This experience includes

! ELECTRO-MECHANICAL SYSTEM DETAILED DESIGN

- the generation, evaluation and selection of design concepts for further development,
- electro-mechanical system detailed design,
- the development of dynamics and process simulation models,
- prototyping of mechanical, imbedded software and electro-mechanical elements,
- system integration and bench and field testing, and
- engineering liaison with manufacturing facilities.

! EMBEDDED SOFTWARE DEVELOPMENT

! PROTOTYPE SYSTEM INTEGRATION AND TESTING

! LIAISON WITH MANUFACTURING FACILITIES

This experience includes the development of unmanned air vehicle control systems, implementation of improvements to an automatic dispensing system for hospital pharmacy applications, airborne remote sensing systems, and a project for the development of an automated laser eye treatment system.

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