Post Title	**Software Engineer**
Department	Design
Responsible to	Design Manager
Location	Ballymena

This is an exciting role within a developing and growing business which has an unrivalled reputation globally as a leading designer and manufacturer of high-speed automated machinery.

Working in a dedicated team of industry professionals you will provide a creative and problem-solving solution to a range of ground breaking projects. Primarily you will assist in the development of specialist bespoke equipment for the medical devices and FMCG industry sectors. Customer focus is key and you will be liaising daily with a multinational blue-chip client base.

This is an excellent opportunity for an ambitious software engineer to further their career within a fast-paced environment.

To be successful in this role you will:

- Be responsible for the creation and development of machine software solutions for special purpose automated machinery projects.
- Deliver control and safety systems which comply with the appropriate national and international standards
- Programming and commissioning of various robots
- Test and debug software applications and produce detailed test plans
- Produce software documentation
- Communicate effectively with customers, suppliers and team members
- Be responsible for testing within the factory test and on customer sites
- Be part of a team dedicated to delivering projects to plan and budget

What you'll bring to the role:

- HNC/Degree in Electrical, Electronic or Software Engineering.
- Demonstrate a proven track record of successfully delivering machine control system projects to required timescale and budget
- Experience working with PLC and software applications.

- Ideally knowledge and experience of some of the following:
  - Robotic systems
  - HMI development
  - Ethernet devices
  - PC based systems
  - Vision System
  - Communications protocols (e.g. TCP/IP)
  - Configuration of networks
  - Motion control equipment
- Experienced in automation and production machinery design, ideally with a hands-on approach.
- Ideally the ability to code in visual basic and or C++
- A highly commercial approach with the ability to work directly with customers
- Ability to meet deadlines while maintaining attention to detail and data accuracy
- Effective interpersonal relationship skills to create a positive and productive team-oriented environment with all departments
- A proactive and flexible approach to work and be comfortable with a dynamic environment with constantly changing priorities
- The ability to work on your own initiative

What we expect from you:
- A proactive can-do attitude.
- A positive and determined work ethic
- A professional approach
- A commitment to excellence in all that you do
- A team player, willing to continuously and proactively collaborate, share, and seek information and guidance
- Self-driven to make a significant contribution to maximising AGR customer service
- Willing and able to travel to customer sites both nationally and internationally