# Person Specification:

# Senior Technical Data Solutions Engineer

Reports to: Software Director

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| Job related attributes | Essential criteria | Desirable criteria |
| Education, Qualifications & Training | Degree (or equivalent) in engineering, automation or a relevant field | Masters or relevant post-graduate qualification  Chartered Engineer status  Member of professional institutions such as IChemE, IMechE and EI. |
| Employment Experience | Proven experience:   * with protocols such as MODBUS, PROFIBUS and BACNET * with telemetry, data logging and hardware * in the specification of hardware solutions for data integration * Demonstrable experience in building strong client relationships | * Commercial experience in securing and negotiating business contracts, and support others to do the same. * managing complex or multi-client projects * key account management and new business development * managing bids and delivering proposals to deadlines * Leading and facilitating workshops/seminars |
| Knowledge & Understanding | A sound technical knowledge of energy use in industrials and manufacturing including:   * energy use in industrial systems (refrigeration, compressed air, boilers and steam systems) * Process control systems * Production systems in manufacturing   Knowledge of:   * Market awareness of logging equipment and hardware solutions available | Knowledge of:   * MSSQL, SSRS and SSIS * BMS and SCADA * Metering, Monitoring & Targeting * Electrical infrastructure & systems * Measurement and verification |
| Skills / Competencies | * Willing to learn new data solution technologies as technology develops. * Able to lead the development of the data solution from concept to implementation * Good knowledge of Microsoft Office 365 with regard to productivity including; SharePoint and PowerApps * Advanced Excel skills * Good planning and organisation skills; ability to work to deadlines and within guidelines. * A strong attention to detail. * Analytical mind / problem-solving aptitude * Proven abilities to take initiative and be innovative. * Ability to develop and maintain effective relationships with colleagues and others across wide range of disciplines/countries. * Willing to work as part of a team to achieve common goals. * Flexible, responsible, reliable and able to work without detailed supervision. * Strong communicator; verbal and written | * Working knowledge of Microsoft Power BI * Language skills in particular German, Spanish, Italian and Portuguese |
| Other requirements & attributes | * Willingness to travel nationally and internationally to implement projects * Able to present a professional appearance to clients and partners | Clean UK driving licence |

Completed by: Helen Reed/Matt Reay Date: May 2021