

Introduction

The Energy and Controls Engineer will be a key aspect of the t-mac technical development and t-mac support teams. Working with all divisions and reporting to the Energy and Controls Manager the Energy and Controls Engineer will look to survey and specify, support, carry out small works installations, remotely and onsite commission of all t-mac installations as required by clients, partners and t-mac Technologies.

As part of t-mac Technologies' commitment to growth, the Energy and Controls Engineer is a natural progression for the business in its commitment to client relations, t-mac BMS specifications and t-mac BMS future technical developments.

Role overview

The role will be split into three clear categories as follows: (i) client (ii) development and (iii) technical support. The following provides an insight into the role requirements within each category

Client work

- Working closely with the client account manager to undertake a number of client focussed roles including:
 - Site surveys and documentation: to include equipment list, scope of works, controls strategy & estimated installation requirements/cost
 - Offsite commissioning: to include access to the t-mac software to verify all communicating as expected and as installed. To work with the technical support team to configure the controls strategy. To be first port of call for installation teams onsite.
 - Onsite commissioning: to include attendance at site post installation, reports on installation success/failures, fault finding and rectification where possible. Rectify problems with t-mac installations as required: signal issues, failed log-ins, installation errors
 - Controls specialist support: to include advice on strategy based on site/client and advice following review of the t-mac online software and current client data
 - Attendance at key meetings for technical support

Design development

- Working closely with the product development team to generate:
 - BMS upgrades: to include R&D to steer the development team on BMS and BACNET etc - towards ensuring t-mac a fully fledged BMS to rival its main competitors
 - Metering applications
 - Wireless and other peripheral product developments
 - Evaluate and test new t-mac products and features
 - Datasheet documentation where required
 - Competitor analysis: review of t-mac BMS V's competitors... key opportunities for improvement and developing our BMS USP.

Technical support

- Installation: to include opportunities for improvements in kit, software and support from t-mac where possible
- Controls strategy documentation: to include overview of all building control opportunities, by equipment, and communications/integration methods. BMS strategies/activities and policies to be outlined
- Online and telephone technical support assistance where required
- Documentation based on findings (successes, failures and issues identified from all roles) for the t-mac team knowledge share platform

Additional Requirements

- Qualified Electrician with up to date ECS card
- Knowledge of HVAC and Air Conditioning Systems
- Knowledge of control panels
- Onsite client Meter and BMS Site survey visits and documentation
- Onsite fault finding
- Be able to drive and have a UK license
- Excellent interpersonal and communication skills, and able to develop excellent Customer/team working relationships
- Excellent IT skills(Word,Excell,Visio)

A.O.B

Whilst the energy controls engineer role allows for working from home, out of office (at site) and in-office working it is required that for the first month in employment that you work in the office full-time. Following this first month, the routine will be decided either by requirements or between yourself and your manager. Please note that for all out-of-office working, that regular updates to the team and line manager