

Date: 23<sup>rd</sup> May 2018

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## Re: Replacement for White Boards and Job allocation – Setup requirements and costs

### System requirements;

#### Infrastructure / Hosting --

- Server (Apache or IIS7+)
- PHP v5.5.11
- The following PHP extensions:
  - CURL
  - Fileinfo
  - GD2
  - GetText
  - Mbstring
  - MySQLi (with PDO extensions)
  - OpenSSL
  - SOAP
  - Mcrypt
  - SimpleXML
- PHPMyAdmin v4.5
- MySQL v5.5
- 1GB storage (min)
- Secure Certificate G2 SHA-256 (SSL / HTTPS)
- SMTP server for outbound emails / reports
- Domain name with sub domain ability (for routing, such as '[sub.domain.com](http://sub.domain.com)')
- Remote (TeamViewer) access to server in case of technical support (if required)

#### Visualising / Access --

- Interdependent computer with internet access and multiple displays (CDSDB is built for 6 displays, but can adapt for more)
- Mac or PC with internet browser (Chrome recommended) for CDSDB management
- Smartphone(s) (for site access to visual job board / daily emails)



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**In terms of costs for SETUP** - setting up the CDSDB on a new system would take approximately five and half (5.5) days @ £850 per day (total £4675 + Vat (UK)).

Please understand that this is on the assumption that the requirements have been 100% meet, ready for use. Additional costs will apply if further configuration is required.

Infrastructure / hosting can be provided, but will be priced and provided on request.

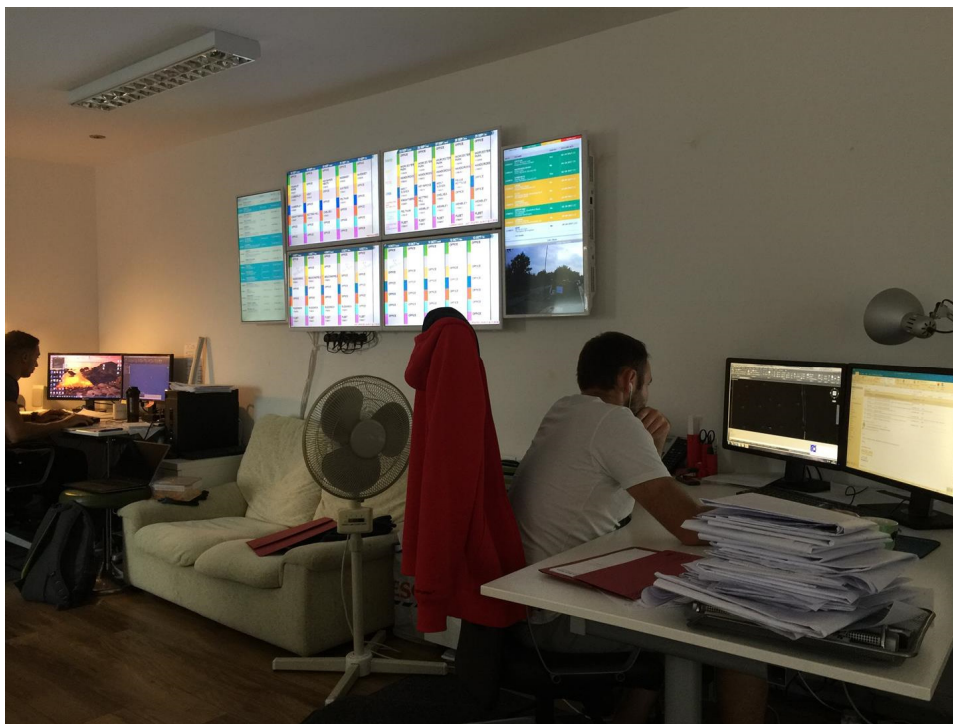
Please note this is for the UK only at present but we can see no reason why this could be created/setup remotely.

We have had much interest in our CRM system recently within the UK therefore we looked at what the costs would be to setup this up and licence for use. The setup costs are above and the 'Ball Park' costs for the licencing which would be based on a limited number of users (such as 10) would be in the region of £1800 + Vat (UK) per year of which CD Surveys Ltd would host for this price.

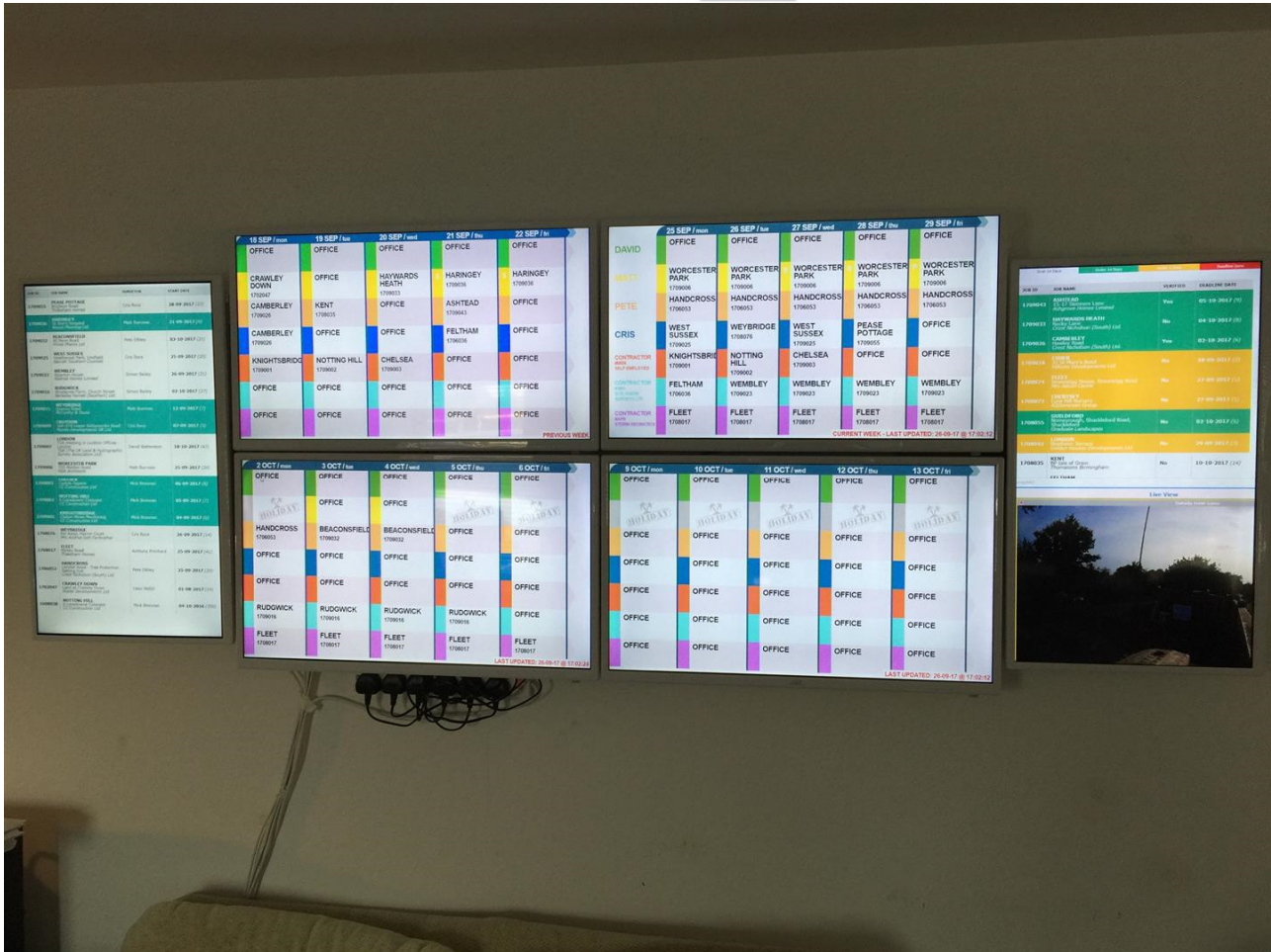
We also had considered an option for selling it as a one off cost with open source code but this obviously be at risk of it being corrupted then being Un-Serviceable.

Should the interest in this system be encouraging then we would seriously consider putting more resources into the future development.

DW – 23/05/2018



**Typical Layout of SCREENS to replace white boards in CD Surveys Ltd office.**



The left hand SCREEN is the incoming jobs/projects, the 4 middle SCREENS are the current week and 2 forward weeks and the 'Past Week', middle left. The right hand SCREEN is the CAD jobs waiting to be enhanced/edited by our office Cad technicians and/or surveyors.

**Council Member on Behalf of The TSA** (The UK Land & Hydrographic Survey Association Ltd)

