

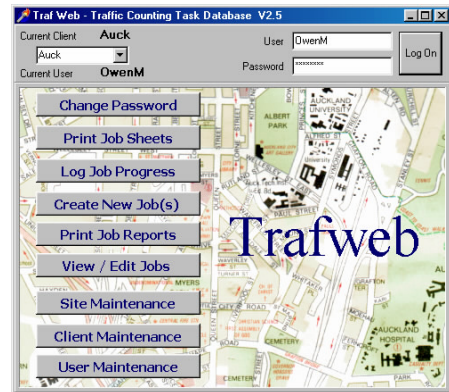


The Internet Database for Traffic Counting Management

Managing traffic counting and classification programs for large organisations with extensive roading networks can become extremely complex. This is due to the volume and range of different types of data required, the number of parties involved, the coordination and timing of counts, and oversight of count progress. TrafWeb is a tool developed to address all these problems in a single, easy to use program and database system, accessible to all users in the count process

Traffic counting often involves several parties, typically:

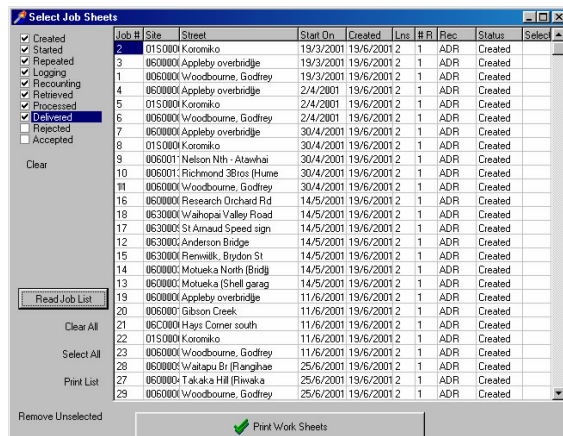
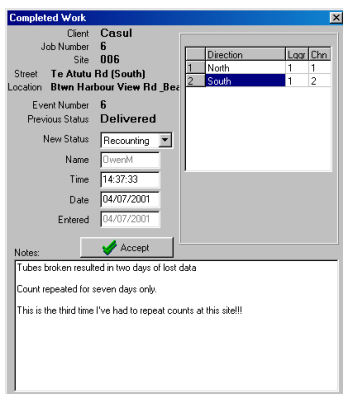
- ❑ **The Client** –Typically a public body. The client specifies time and location for counts, and receives the final data.
- ❑ **The Prime Contractor** – Typically a consulting firm. Orders a count from the field technician. Receives the raw data, and processes it. Sends the final data to the client.
- ❑ **The Field Technician** – May be an employee of the prime contractor, or may be independent. Puts the counter on the road. Uploads data from the logger. Sends it to the Prime contractor. Often operating in a different office from the Prime Contractor.



Usually data is sent between parties using email. At first instance emails may appear to provide sufficient management, but the number of counts and multiple clients make the process prone to errors. Each client may operate hundreds of counts while the contractor and the field technician may be working with multiple counts at the same time.

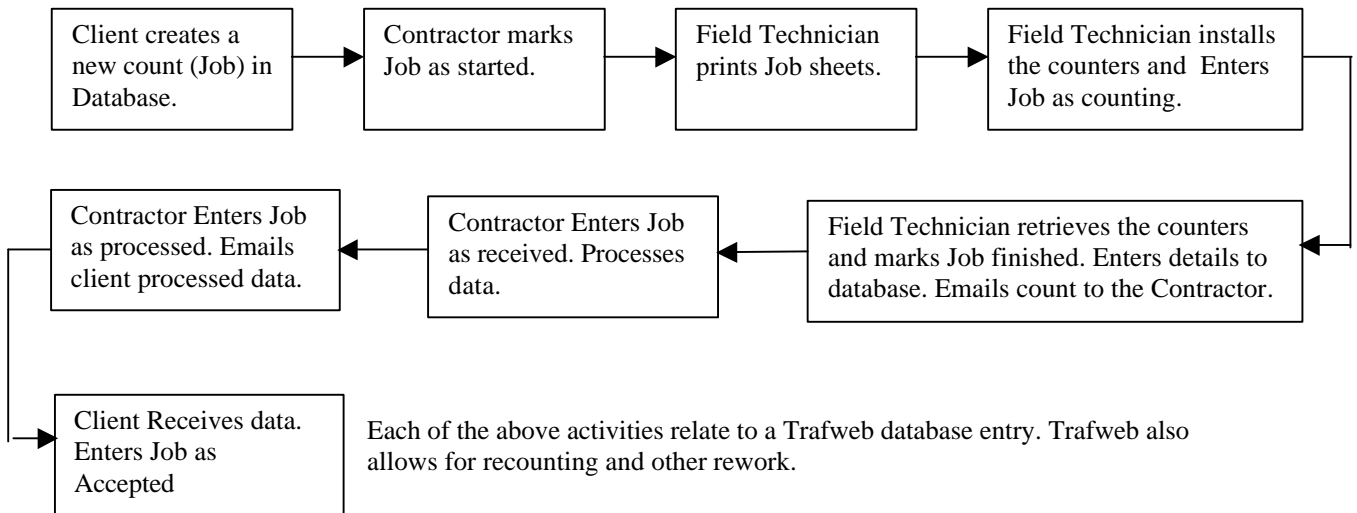
TrafWeb offers:

- ❑ All parties access to observe the same data on job progress (database access is via the internet)
- ❑ Ability to print job sheets.
- ❑ A complete list of all jobs, with a unique job number, and the status of each job.
- ❑ Communications between parties in terms of job information and typed notes.
- ❑ A complete audit trail for each job, including time, date, personnel, notes etc.
- ❑ A final “close off” of the job.

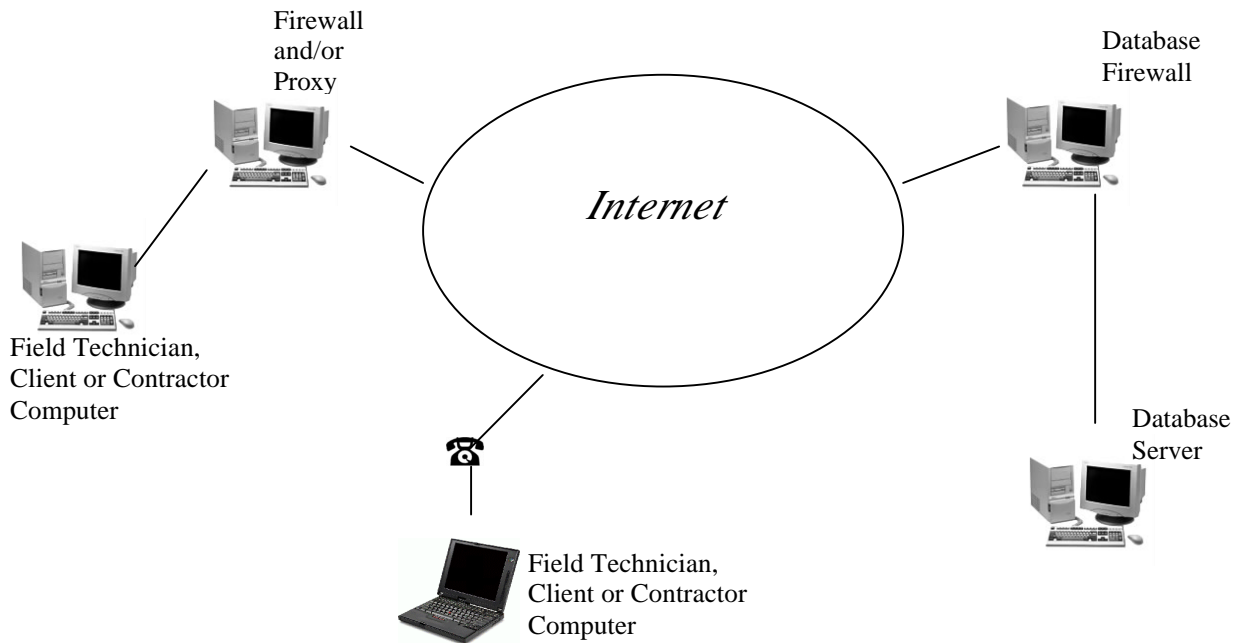


TrafWeb

Process



Architecture



Trafweb uses a unique "Fire lance" Technology to allow communications through firewalls and proxy servers. Trafweb communications emulate web browser communications to give the maximum flexibility for communications. All Internet communications are encrypted for security.



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