DATANET SECURITY
2019-07-23

DataNet is TRAFx Research Ltd.'s (TRAFx) online solution to view and manage data collected by TRAFx counting equipment. We know that you expect the DataNet service to be available to you when you login, and that you also expect it to be secure. For the peace of mind of our DataNet customers, we take various measures to meet these availability and security expectations.

Service Provision
We work with Amazon Web Services (AWS), the world's most comprehensive and widely adopted cloud platform, to provide you the DataNet service, and to securely backup your data. AWS operates worldwide and has data centers and other cloud infrastructure in many different countries and regions, including Canada, the US, Europe, Asia, Australia and elsewhere. AWS is approved for US federal government use, meaning its security and other systems are sufficiently secure to store sensitive government data.

Physical Security
AWS has many years of experience in designing, constructing, and operating large-scale data centers. AWS data centers are housed in nondescript facilities, and critical facilities have extensive setback and military grade perimeter control berms as well as other natural boundary protection. Physical access is strictly controlled both at the perimeter and at building ingress points by professional security staff utilizing video surveillance, state of the art intrusion detection systems, and other electronic means. Authorized staff must pass two-factor authentication no fewer than three times to access AWS data center floors. All visitors and contractors are required to present identification and are signed in and continually escorted by authorized staff.

Defence/Intrusion protection
AWS provides a complete firewall solution. The AWS network provides significant protection against traditional network security issues.

Data Backup
TRAFx makes a daily backup of the DataNet database which we store on Amazon's system. We keep 10 days worth of daily backups. All backups are stored with AWS. Data is backed up and stored in geographically-separate, secure locations, within the Amazon system.

Secure Logins
Unique user names and passwords must be entered each time a customer logs in to DataNet. These safeguards help prevent unauthorized access, maintain data accuracy, and ensure the appropriate use of data.

Your password is encrypted before it is stored in our database. At no point can another person retrieve your password (TRAFx staff included). Nor does an administrator have the ability to set your password to a known value.

If someone repeatedly tries to log in with an incorrect password, your DataNet account will be locked for a 24 hour period. This helps prevent automated "dictionary" attacks against your account.

From time to time, we may make changes to this DataNet Security document. We strongly encourage you to refer back to this document periodically.