

## **DATANET SECURITY**

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DataNet is TRAFx Research Ltd.'s (TRAFx) online, hosted software 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 a high standard of security. For the peace of mind of our DataNet customers, we take various measures to meet these availability and security expectations.

We work with Amazon Web Services (part of the well-known Amazon.com company) to provide you the DataNet service, and to securely backup your data. Amazon Web Services is approved for US federal government use, meaning its security and other systems are sufficiently secure to store sensitive government data.

### **Service Provision**

DataNet is hosted on Amazon Elastic Compute Cloud (Amazon EC2), Amazon's proven computing environment. This service is fully scalable, and enables TRAFx, if necessary, to increase or decrease capacity quickly by commissioning one or more server instances; replacement instances can be added rapidly and predictably. The service runs within Amazon's proven network infrastructure and datacenters.

### **Physical Security**

Amazon 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 Amazon Web Services Security data center floors. All visitors and contractors are required to present identification and are signed in and continually escorted by authorized staff.

### **Secure Socket Layer (SSL)**

For DataNet, we recommend you use a modern browser. When you access DataNet using such browsers, Secure Socket Layer (SSL) technology protects information using both server authentication and data encryption to help ensure that data is safe and secure.

### **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.

### **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 Amazon. Data is backed up and stored in geographically-separate, secure locations, within the Amazon system.

### **Defence/Intrusion protection**

Amazon EC2 provides a complete firewall solution. The AWS network provides significant protection against traditional network security issues.

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