Forensic Analytics

Communications Data Experts

Pricing Document
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CSAS Live Trace, CSAS, Nexus Cloud Pricing

Forensic Analytics
Communications Data Experts

1. Fees apply on the basis of volume of data processed by the system or on the basis of an annual subscription model per licence.
2. The licence fee includes deployment training, technical support and software maintenance – including solution lifecycle enhancements and upgrades.
3. Technical Support is available via a ticketing system, telephone, email and where appropriate on-site Monday – Friday, 07:30 – 17:30hrs (excluding public holidays and weekends). Additional costs apply to support required outside of this timeframe.
4. Concurrent licences are unrestricted in the sense that they are not tied to named individuals or groups of users
5. Costs exclude Value Added Tax (VAT) which will be charged at the current rate.
6. All Professional Service/Service Delivery elements exclude all business expenses (i.e. Travel, Accommodation, Subsistence) which will be charged at cost.
7. Minimum contract length is 12 months
8. Multi-year and volume based discounts are available

CSAS Live Trace

Live Trace is a mapping solution which is designed to provide secure and instant offline mapping which enables users to manage a scenario to build a live map which documents the chronology of unfolding events as they happen.

Users can import geo data and augment any maps with icons, text and symbols and create an audit trail and timeline which will allow events to be played back, recorded and stored.

Live trace is sold as a software licence, payable on an annual subscription basis.

Live Trace is a single user licence.

Solution	Licence Fee PA (Ex VAT)
CSAS Live Trace	£2,500.00

CSAS and CSAS Server

CSAS is a desktop application designed to be installed directly on a user's PC (physical or virtual). The software is provided free of charge, but an annual licence must be purchased to active and use it.

There are two licence models for CSAS – Dedicated and Concurrent:

Dedicated licensing provides each copy of the CSAS application with its own dedicated annual licence. In this configuration the customer purchases a separate licence for each individual copy of CSAS that they wish to deploy, ensuring that all users can access CSAS whenever they need to.

Concurrent licensing provides a pool of 'floating' licences that can be shared between a group of CSAS users. The licences are served to users on a 'first come, first served' basis and once all licences are allocated, additional users will need to wait for one to become free before they can access CSAS.

CSAS using either licensing model can operate in either Standalone and Networked modes.

In Standalone mode, users can share cases using the simple Case Export/Import feature.

In Networked mode, the customer will also deploy CSAS Server, which acts as a secure central repository for cases and case data and allows users to share and collaborate on active cases. There is an additional annual licensing fee for CSAS Server.

It is possible to have a mixed deployment of CSAS, with both Dedicated and Concurrent licensing being employed for a mix of Standalone and Networked deployments.

CSAS Pricing

Solution	Licence Fee PA (Ex VAT)
CSAS Licence (Dedicated or Concurrent)	£5,000.00
CSAS Server Platform Licence* (manage up to 100 user accounts)**	£5,000.00

*Server Platform Licence – will not be required if Nexus Server Platform already purchased for the specific platform.

**If the number of user accounts exceeds 100 a further CSAS Server Platform licence will be required. Multiple CSAS Server licences are required to support groups of 100 user accounts.

Discounts

Multi-Year and Volume discounts are available for CSAS.

Volume Discounts

Volume	Discount
1 – 9	0%
10 - 20	10%
21 - 50	12.5%
51-100	15%
100+*	20%

***Enterprise Licences are available for large deployments on a case by case basis

Multi-Year Discounts

Multi-Year discounts are available on 3 and 4 year deals respectively.

Given the restrictions of the G-Cloud 12 framework in respect of the maximum contract length - we can offer a 24 month +1 +1 deal upon request.

Example Pricing;

Example 1

A force wishes to purchase 15 licences for a 3 year period

CSAS Server Platform Licence -		£ 5,000.00
CSAS Licences	-	£75,000.00 per year
Sub Total for 3 years		£240,000.00
Discount for over 10 licences – 10%		(£ 24,000.00)
Discount for three years – 5%		(£ 12,000.00)
Total		£204,000.00

Nexus Pricing

Brief Description

Nexus is a GDPR and IPA compliant solution which can be deployed on a base server located either in force or in the cloud.

Nexus comprises three modules;

Module 1 - Automated Communications Data Processing and Reporting

- Fully automated evidential comms data cleansing, schedule generation and reporting.
- Option to integrate the input/output process with 3rd party systems

Module 2 - Nexus data indexing (requires Module 1)

- Indexing, categorisation and search provision of "in force" retained handset download, CDR and ANPR data - facilitating searches on MISDNs, IMSIs, IMEIs, Names, Identifiers etc. To be augmented with IP addresses, MAC Addresses and VRMs and other search terms demanded by our clients.

Module 3 – Nexus RF Survey Data indexing

- Indexing, searching and mapping of historical RF survey data
- The Nexus RF Survey data solution can be deployed independently of modules 1 & 2.

Licence Description

Each deployment requires a server platform licence and a licence for each module.

The module licence is priced based on the size of the force purchasing it. We have a link on our website https://www.forensicanalytics.co.uk/clients/lea-list/ which will allow you to check your force size. Alternatively pleae contact sales@forensicanalytics.co.uk for clarification.

Licence Mix

- A Server Platform Licence is required unless CSAS Server is already licensed on the same platform, in which case this will not be necessary).
- Module 1 has to be deployed with Module 2.
- Module 2 and 3 have an additional a concurrency licence which defines how many simultaneous users may interrogate Nexus.
- Module 3 can be deployed independently and will also require a concurrency licence.
- If all three modules are to be deployed in force, then module 3 attracts a significant discount.

Database Size

These services are designed to create an Indexed database of up to 1TB.

Should your database be predicted to exceed this then please contact sales@forensicanalytics.co.uk. We consider this a bespoke solution.

Nexus will naturally evolve to support indexing of other “in force” databases over time.

Server Platform Pricing

Solution	Licence Fee (PA) Ex VAT
Server Platform Licence*	£5,000.00 PA

*Not required for Nexus if CSAS Server is already deployed on the same platform

Module 1 – Module Pricing

Solution	Licence Fee (PA) Ex VAT
Minimum Module Cost	£15,000.00 PA

Deployments are based upon the following criteria;

Force Size	Licence Fee (PA) Ex VAT
Server Platform Licence*	£5,000.00 PA
Small – Defined by annual budget	£15,000.00 PA
Medium – Defined by annual budget	£20,000.00 PA
Large – Defined by annual budget	£25,000.00 PA
Extra Large – Bespoke	POA

Module 2 Nexus – Retained Handset and CDR Data Indexing

Force Size	Licence Fee (PA) Ex VAT
Small – Defined by annual budget	£15,000.00 PA
Medium – Defined by annual budget	£20,000.00 PA
Large – Defined by annual budget	£25,000.00 PA
Extra Large – Bespoke	POA

Solution	Licence Fee (PA) Ex VAT
Concurrency Licence	£7,500.00 per block of 5 concurrent users

Module 3 Nexus Historical RF Survey Data Indexing

Brief Description – Nexus Historical RF Survey Data Indexing

Nexus – Indexes historical RF Survey Data to enable a cell search and return a map along with cell data. Geo-fenced searches are also available.

Module 3 Nexus RF Survey Data Pricing (stand alone deployment).

Solution	Licence Fee (PA) Ex VAT
RF Historical Survey Data Indexing	£25,000.00 PA – up to 1TB
Concurrency Licence	£7,500.00 per block of 5 concurrent users

Deployments exceeding 1TB of RF Historical data POA

If Historical RF Survey Data indexing is purchased alongside Modules 1 & 2 then this will be available for an additional fee of £10K PA (Ex VAT) instead of the standalone fee quoted above.

Professional Services in support of solution commissioning

Brief Description – Forensic Analytics offers a range of professional services in support of our solution design, development and service deployments.

We can provide professional service in support of any aspect of solution lifecycle.

Technical Support with Architecture, Installation and Commissioning

These services are charged at a consultancy per day as detailed in the table below.

All Professional Services agreed prior to the commencement of a project.

Professional Fees	Fee Ex VAT
Technician Services	£650.00 per day
Project Manager	£750.00 per day
Systems Architect	£950.00 per day
Senior Consultant	£1,500.00 per day
Principal	£2,400.00 per day

Full descriptions of the functions provided by the roles above are detailed on the www.forensicanalytics.co.uk website or contact sales@forensicanalytics.co.uk

Example Pricing 1

A medium sized LEA wishes to automatically cleanse and produce reports and schedules of CDRs and index, catgorise and search CDR and Handset Download retained data. Three users of the system have been allocated Nexus. CSAS Server has not be deployed in force.

Server Platform Licence	£ 5,000.00
Concurrency Licence	£ 7,500.00
Nexus Module 1 –	£25,000.00
Nexus Module 2 –	£25,000.00
Nexus Module 3 -	£10,000.00
Total	**£72,500.00 PA**

Example Pricing 2

An LEA who wishes to Index and Interrogate historical RF data only – CSAS Server deployed already.

Concurrency Licence - £ 7,500.00

Nexus 3 Module - £25,000.00

Total **£32,500.00 PA**

Nexus Discounts*

Discounts associated with Nexus are associated with the number of seats available – discounted on blocks of 10 seats.

Volume	Discount
5 -10 seats	0%
11 – 20 seats	2%
21 – 50 seats	5%
51+ seats	10%

* Seat number discounts apply at time of sale although seat numbers can be added any time throughout the life of a contract.

Multi-Year Discounts

Multi-Year discounts are available on 3 and 4 year deals respectively.

Given the restrictions of the G-Cloud 12 framework in respect of the maximum contract length - we can offer a 24 month +1 +1 deal upon request.

Enterprise Licence

Enterprise Licences are available upon application

Cloud Pricing

Forensic Anlaytics cloud pricing is in addition to licence fees for CSAS, CSAS Server or Nexus. FA cloud pricing is for the commissioning, service, provision and maintenance of the cloud environment within which CSAS, CSAS Server or Nexus will reside.

Our preferred cloud provider is AWS, our solutions can be deployed within other cloud environments – such as a clent's own private cloud – but this would be subject to discussion with the client on a case by case basis.

FA Cloud Service – our preferred deployment method is to deploy our services in a cloud environment owned by the customer, either via their own existing cloud account or via a new account that we will arrange on the customer's behalf with the cloud provider – the customer therefore retains control of the cloud environment and the data that resides within it. IN these

circumstances, the cloud hosting fees will be bourne by the customer and we will charge only for set up and service. The Cloud Hosting component in the following pricing is only applicable if the service is deployed in a cloud environment operated by us.

The client remains the Data Controller and FA become the Data Processor.

There is a minimum licence number for the service of 10 CSAS licences, as it is economically unviable below this level.

Service Availability

Standard service availability is – 99.999% availability.

There are two options for service availability – standard and high availability.

Standard availability is considered appropriate for the vast majority of customers.

We do have a high availability service which provides redundant services in different availability zones and offers secondary connectivity to the cloud service. These additional safeguards are available for an additional fee and will add between 10 – 20% to the hosting costs. Should this be required – please contact sales@forensicanalytics.co.uk for a quotation.

Structure of Fees

The Cloud service consists of three components – set up costs (pay once only, a service cost (annually recurring the cost of the cloud environment (annually recurring) ;

Service Fee

- Setup Costs – A one off cost associated with the set up and commissioning of the Cloud.
- Service – Cost associated with the maintenance of the service – occurring annually.
- Cloud Environment – Cost for the Cloud compute and memory power.
- Licence Uplift Costs – Additional Uplift expressed as a percentage of licence cost – occurring annually.
- Total – Hosting Costs for Cloud Environment per year.
- A cloud service is one which benefits from economies of scale.
- The table below lists the uplift in CSAS licence and total Hosting Costs PA.
- The following pricing is based upon the FA Private Cloud service offering.

CSAS Cloud Pricing

Costs	Licence Pool	
	<20	20+
Set Up	£5,000	£5,000
Service	£2,500	£5,000
Cloud Hosting Environment	£17,866	£20,491
Licence Uplift	35.73%	20.49%
Total Cost PA	£25,366	£30,491

Any variance of the above is subject to a consultancy process and price may vary accordingly.

Multi Year Deals

Multi-Year discounts are available on 3 and 4 year deals respectively.

Given the restrictions of the G-Cloud 12 framework in respect of the maximum contract length - we can offer a 24 month +1 +1 deal upon request.

Example Pricing – CSAS Hosted in the Cloud

20 CSAS Licences, standard availability for 3 years

20 x £5,000 – Licence Fee per year	£100,000
Total CSAS for 3 years	£300,000
Set Up	£5,000
Service (3 years)	£15,000
Cloud Hosting Environment (3 years)	£61,473
Sub Total	**£381,473**
Discount for 20 Licecnes -	-£30,000
Discount for 3 years -5% -	-£15,000
Total 3 Year Price	**£336,473**

Nexus Cloud Pricing

There are commissioning and service fees plus the cost of the Cloud environment is dependant upon whether CSAS Server is part of the deployment or has aleady been deployed.

Nexus Cloud Pricing – Module 1 only

Module 1 – Automated Cleansing and Anlytics Reporting at scale

Cost	Standalone	With CSAS Server
Set Up	£5,000	£0
Service	£1,500	£0
Module 1	£11,000	£11,000
Total	£17,500	£11,000

Nexus Cloud Pricing – Module 1 with Module 2 or 3

Module 2 – Indexing – CDRs, Handset, ANPR
Module 3 – Indexing – RF Survey Data

Cost	Standalone	With CSAS Server
Set Up	£5,000	£0
Service	£3,000	£0
Module 1, Module 2 and/or 3	£12,000	£12,000
Total	£20,000	£12,000

For databases over 1TB – POA – please contact sales@forensicanalytics.co.uk

Example Pricing – Nexus Hosted in the Cloud

Nexus Module 1 and Module 2 – Medium Size Force, No CSAS Server deployed, database under 1TB, 1 year

Setup -	£5,000
Service -	£3,000
Nexus Cloud Hosting Environment -	£12,000
Module 1 -	£20,000
Module 2 -	£20,000
Total	**£60,000 PA**

FA Training Services

Forensic Analytics offers a broad range of training offerings. Many of our courses carry professional qualifications and are taught by expert, skilled professionals who are passionate about their subject.

The majority of our courses are available for online delivery via webinar and/or e-learning, as well as traditional Instructor Led classroom delivery. Our training portfolio is in a constant state of development so for our latest offerings, please see our course list and our Training Brochure for course details – downloadable from our website.

Training Fees

Courses taught in-person:

Closed course on client site or hosted at Letchworth: £2,250 per day.

Open courses hosted at Letchworth or other site where clients from multiple organisations attend: £425 per person per day.

Additional expense costs may incurred for trainer travel and accommodation.

Courses taught online:

Online courses for 1 to 5 students: £425 per person per day

Online course for 6 to 12 students: £2,250 per day

Printed manuals:

Printed copy of training material for courses: £40 per manual

Training Passports:

We can offer training passports whereby delegates will pay a fixed fee for a finite number of course deliveries over an 18 month period. This fixed fee will be charged at a 5% discount on our standard rates.

TITLE		CODE	LENGTH
Cell Site Analysis Courses			
Cell Site Analysis Overview		FA001	2 days
Advanced Cell Site Analysis		FA002	3 days
Cell Site Analysis Workshop		FA012	1 day
Communications Data Overview for Investigators		FA018	0.5 or 1 day
Cell Site Overview for Disclosures Teams		FA029	2 days
Radio Frequency Propagation Surveys (RFPS)			
RFPS: RF Survey Overview		FA019	1 day
RFPS: Entry Level Training		FA020	5 days
RFPS: Experienced Practitioner Training	**UPDATED**	FA014	5 days
RFPS: Follow-on Training (One-to-One)		FA023	1 day
RFPS: Qualification Sessions		FA024	1 day
Communications Data Analysis & Call Detail Record Processing			
CDR Processing and Interpretation	**UPDATED**	FA015	3 days
Next Generation Comms Data Analysis	**UPDATED**	FA017	2 days
CDR Processing Overview		FA022	1 day
CDR Processing: One-to-one mentoring sessions		FA025	1 day
Call Obfuscation Techniques	**NEW**	FA036	0.5 days
Interpreting GPRS Billing Workshop	**NEW**	FA037	1 day
Interpreting IP Events		FA042	1 day
Criminal Intelligence Analysis Training			
Core Intelligence Analysis Training - Stage 1		FA028	5 days
Core Intelligence Analysis Training - Stage 2	**NEW**	FA033	5 days
Communications Data Analysis Techniques	**NEW**	FA038	2 days
Excel for Analysts	**NEW**	FA039	1 day
Statement & Report Writing	**NEW**	FA040	1 day
Evidential Mapping	**NEW**	FA041	1 day
Courtroom Skills	**NEW**	FA032	1 or 2 days
CSAS Training			
CSAS Bootcamp		FA004	1 day
CSAS Advanced User Training		FA005	3 days
CSAS Parsing & Data Handling		FA006	1 day
CSAS: Follow-on Training (One-to-One)		FA026	1 day
CSAS for Investigators	**NEW**	FA035	2 days
Telecoms Training			
Introduction to Telecommunications		FA016	3 days
Introduction to Mobile Networks		FA021	2 days
5G Overview		FA030	1 day

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