



## Envi

### Envi

**Available to purchase until 30/06/2021**

Annual site licence subscriptions for ENVI, software for processing and analysing geospatial imagery. ENVI combines advanced spectral image processing and proven geospatial analysis technology with a modern, user-friendly interface and processing and analysis tools to help users extract meaningful information from images.

## Key Facts

### Benefits

- Unlimited site licence covering both teaching and research
- Estimated cost savings for a large university of around £25K per annum

### Important dates

Agreement start: 1 July 2018

Agreement end: 30 June 2021

Licensees will be invoiced 3 months in advance of the anniversary date of their licence.

### Licence type

Unlimited site licence covering both teaching and research for ENVI Base and the Envi Modules bundle.

### Commitment Period

Institutions must make a three-year commitment from the date of joining this agreement.

### Eligible Institutions

Higher Education in the UK and the Republic of Ireland.

### Background Information

The community expressed an interest for Chest to negotiate an Agreement for ENVI with ITT Visual Information Solutions, later to become part of Exelis Inc and renamed Exelis Visual Information Solutions. Exelis is now part of Harris Geospatial Solutions UK Ltd.

### Please Note

Any changes to the Admin or Technical contacts must be passed to Harris and Chest as soon as possible, as support is only available to these nominated individuals. See 'Service and Support' tab for more information

## Product Information

## Supplier Details

Licensor: Harris Geospatial Solutions, 1010 Eskdale Road, Winnersh, Wokingham, Berkshire RG41 5TS

## Product Description

### ENVI

ENVI is the software of choice for processing and analysing geo-spatial imagery, combining advanced spectral imaging processing techniques with a modern, user-friendly interface. Whether you use panchromatic, LiDAR, SAR, multispectral or hyperspectral imagery, ENVI has the latest processing and analysis tools to help you extract meaningful information to make better decisions. More information can be found [here](#).

### ENVI Modules

Extend the functionality of ENVI with the ENVI Module Bundle which includes ENVI Feature Extraction, ENVI DEM Extraction, ENVI Atmospheric Correction and ENVI Photogrammetry. More information can be found [here](#).

### IDL

IDL is the programming language of choice for many Academics and Scientists because it's easy to learn, easy to use, and requires fewer lines of code than other programming languages, making it easier and faster to go from data to discovery. IDL is the base product of ENVI allowing users to expand its capabilities. More information can be found [here](#)

### SARscape

SARscape allows users to easily read, process, and output their SAR data so they can transform hard-to-interpret data into meaningful, contextual information. Synthetic Aperture Radar (SAR) data is a sophisticated data type that can be used to analyse an area of interest during the day or night, regardless of weather conditions. It is particularly helpful when trying to detect change and study the topography of a specific area. The products available through CHEST are SARscape Basic – InSAR and Interferometric Stacking (PB,SBAS), Windows and Linux only. More information can be found [here](#).

### Short-term Licence bundle

The Short-term Licence bundle is a one-year option offering 25 ENVI Licences and 25 ENVI Modules (including ENVI Feature Extraction, ENVI DEM Extraction, ENVI Atmospheric Correction and ENVI Photogrammetry).

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## Service and Support

### Trials

A free 30 day single user evaluation copy of ENVI is available. Please email [help@chest.ac.uk](mailto:help@chest.ac.uk) to set up

### Product Documentation

Full product documentation is available from Supplier's website, hosted at [Harris Geospatial](#)

### Training and Training Materials

The ENVI Pocket Guides are quick reference booklets - not intended to be read from cover to cover, but more as a point of reference. For those Users who wish to fully understand the capabilities of ENVI, and LiDAR, Harris Geospatial now offer online training courses [free] see the links below:

Download the [ENVI Pocket Guide - Basics](#)

Download the [ENVI Pocket Guide – Intermediate](#)

[Introduction to ENVI Analytics](#)

[Extracting Information from LiDAR Data](#)

### Technical Support

Harris Geospatial will provide telephone advice and support to the nominated Technical Contact and/or his/her Deputy at Licensed Institutions

during normal business hours. Harris Geospatial support can be contacted at:

Email: [supporteu@harris.com](mailto:supporteu@harris.com)

Online: [Harris Geospatial Support](#)

**PLEASE NOTE: if contact details change within an institution, both Technical but also Admin, it is import the institution informs both Chest and the Supplier so that technical support continues to be available.** Emails to [help@chest.ac.uk](mailto:help@chest.ac.uk) and [gareth.kirby@l3harris.com](mailto:gareth.kirby@l3harris.com)

## Supplier Web Address

[www.harrisgeospatial.com](http://www.harrisgeospatial.com)

## System releases, new versions and functionality

One copy of system releases and/or new versions and new supporting documentation will be sent by the Supplier to each Licensed Institution as and when they become commercially available.

## Platforms

For Platform and Feature Support for current and previous versions see [here](#).

## Method of delivery of product

The master copies of media and Licensed Materials will be delivered to the Licensed Site by Harris Geospatial. Some materials may be supplied electronically.

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# Useful Resources

## ENVI - Free self-paced tutorials

**Self-paced online tutorial: Learn how to add easy-to-use SAR processing to your remote sensing applications**

The use of Synthetic Aperture Radar (SAR) data has become increasingly popular in recent years due to its many advantages such as its ability to capture data day or night and see through clouds. However, SAR data can be extremely complex and difficult to work with. ENVI® SARscape® has made the benefits of SAR data available to professionals across industries for many years. And now it's gotten even easier!

ENVI now includes easy-to-use tools for some of the most common SAR processing applications – extending the benefits of SAR data to more users. These tools, ENVI SARscape Analytics, can be accessed in the ENVI toolbox and ENVI Modeler as well as ArcGIS Pro, and do not require you to be an expert in SAR to run them!

In this ten part course you will learn how to use the most requested analytics to support your Earth Observation applications with meaningful SAR products:

1. Introduction
2. Sentinel Download
3. Image Geocoding
4. Time Series
5. Flood Mapping
6. Ship Detection
7. Change Detection
8. DEM Extraction
9. Displacement Mapping
0. Persistent Scatterers

Each part in the series can be watched independently, however we recommend that you begin with part one for an introduction to the toolbox used throughout the course.

### What is a Self-Paced Training?

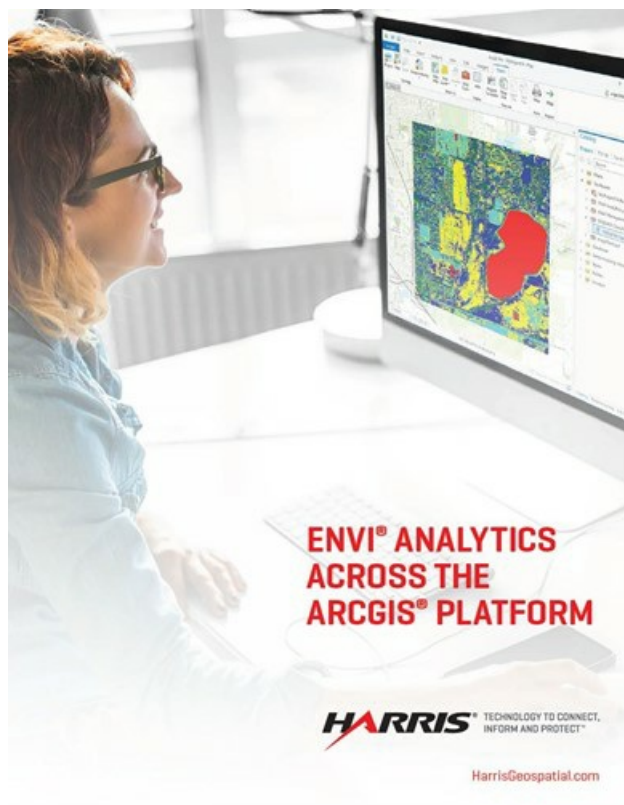
Self-paced training courses are video tutorials that cover some of the same information you would receive in our in-person courses, and come complete with data and step-by-step instructions. They let you learn on your own time and at your own pace.

This course is available to anyone with a basic level of remote sensing knowledge and you don't need to be an ENVI user to benefit. During the sign up process, trainees will be able to apply for a temporary software licence to complete the course.

[Find out more and register here](#)

## ENVI & ArcGIS

Click on the below image to learn more about how to get the most from ENVI Analytics across the ArcGIS Platform



## Product Updates

For the latest news on ENVI Product updates and maintenance, geospatial analysis and data visualization technology see [Harris website](#)

## Classroom Training

Harris offer a wide range of training courses throughout the year. Click [here](#) to find out details of what is coming up in the near future.

**All universities are entitled to a discount on classroom courses - use the code *HARRISEDU* when purchasing.**

Please note, if the attendee wishes to sign up to the course by means of an institutional purchase order, they should contact Gareth Kirby (GKIRBY01@harris.com) advising which course they wish to attend.

## Self-paced training

Harris also offer a wide range of free online training, so you can learn at your own pace, wherever and whenever you want. Click [here](#) to learn more.

## Case Studies

Download the flyers:

- [Mineral exploration in Oman](#)
- [Analysing a vital Kenyan ecosystem](#)

- [Compiling an inventory of contaminated sites in the Czech Republic](#)

[See more case studies...](#)

## Landsat 8 data

Freely available Landsat 8 data via Amazon Web Services (AWS)

Please contact your ENVI Chest Agreement Licence Administrators to download the "LandSat-8 Query Extension tool" from the Harris website – once logged in click onto My Account> Extensions. This 3rd party plug-in allows an ENVI Chest Agreement Licence User unbridled access the Landsat 8 data to undertake analysis on the web, without the need to download the imagery data to their local machine, saving both time and expense.

Further details about the ENVI extension tool and AWS can be found on the [Harris website](#).

Additional information can also be found on the Amazon Web Services (AWS) website:

AWS has made Landsat 8 data freely available on Amazon S3. All Landsat 8 scenes from 2015 are available along with a selection of cloud-free scenes from 2013 and 2014. New scenes are made available each day, often within hours of production. Learn more how to access over 400,000 Landsat 8 scenes on-demand without the need of storage [here](#).

The [Landsat program](#), launched on 11 February 2013, is the longest-running enterprise for acquisition of satellite imagery of Earth. Learn more about how Landsat data is used on [NASA Landsat landing webpage](#).

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## Terms and Conditions

**The Chest Order, together with the Licence Terms and Conditions, and any exceptions listed below, create a legally binding contract between your institution, organisation or company and the Licensor. Therefore please read the terms and conditions carefully and only submit a Chest Order if its terms and conditions are acceptable to your institution, organisation or company and you have the authority to make the financial commitment shown.**

### Licence type

The Licence terms and conditions are the Licensor's own EULA with negotiated amendments as listed in the Exceptions section at the bottom of this page.

Copying of the Software is allowed at any Institution for use by any member of staff or student in accordance with the Licence Conditions.

### Payment Terms

On receipt of a completed Licence, Institutions will be invoiced for the Agreement year in which the Licence is signed. For each subsequent year, Institutions will be invoiced three months in advance of the anniversary date of the licence. Purchase orders and payments for the licence fee must be made to "Jisc". Invoices are payable within 30 calendar days of the date of invoice.

Price is fixed at time of sign-up to the Agreement for the full term of the 3-year licence.

Institutions may, if they wish, pay a single charge to cover their commitment period (3 years).

Institutions wishing to add a product to their ENVI licences will pay full year pricing regardless of order date. In year one this will be by separate invoice, in following years all products will be combined into one single invoice.

**Chest is an Enterprise of Jisc. All Purchase orders must be made out to Jisc, 4 Portwall Lane, Bristol, BS1 6NB to cover all charges plus VAT.**

All terms contained in a PO are expressly rejected and do not form part of the Licence or vary the Licence terms in any way.

Payments are due within thirty days of invoice date; recipients of late payments are entitled to interest in accordance with **UK statutory provisions**.

### Termination Clauses

At the end of the agreement period sites must remove the ENVI software, along with any add-ons or modules, from their systems.

## Location and Use Permissions

Use	Permission
Students	Yes
Academic Staff	Yes
Non-Academic Staff	Yes
Staff home use rights	Yes
Student home use rights	Yes
Access via Citrix, Terminal Server	Yes
Administration and management of the Licensee's educational or research operations	No

## Personal Licences

Personal licences are not available through this Agreement.

## Home Use

Home use rights for staff and students **are included** in this agreement, subject to the export restrictions detailed in the Home Use Section of the Terms and Conditions (see below)

## Exceptions to the Terms and Conditions

- Notwithstanding any statements to the contrary in the EULA, Licensee may, subject at all times to all other provisions of the EULA: install the Software on computer systems used by the Licensee; allow authorized users to download and/or print out copies of the documentation supplied with and forming part of the Software for training purposes; make a reasonable number of copies of the Software for back up purposes. The EULA shall not restrict or limit the rights of the Licensee and authorized users under the UK Copyright, Designs and Patents Act 1988 and the UK Copyright (Visually Impaired Persons) Act 2002 or any amending legislation. (Note: the EULA permits the making of copies of the Software for back-up and recovery purposes.)
- Notwithstanding any statements to the contrary in the Licensor's own End User Licence Agreement (EULA), Home Use by students and staff is permitted. "Home use" means that authorized users may install the Software on their own computer only for their own use and only for educational purposes. "Home use" is subject to the Licensee ensuring that each home user agrees to the terms and conditions in the Home Use Undertakings Agreement displayed below and/or such other terms and conditions that the Licensor may require.
- The EULA references the Licensor's "VIS Academic Use Policy". No such policy is currently published, therefore reference to it shall be taken to mean that the Licensee may use the Software solely for educational purposes, defined as being education, teaching, distance learning, private study, and academic research. The Licensee, but not any user, may receive payment or funding from students or third parties for activities using the Software provided that all such payments and funding are applied to the cost of running the normal educational and research operations of the Licensee. The results of research or services funded by third parties must be published in the same way that the Licensee would publish the results of research not funded by third parties. Educational purposes do not include funded research or consultancy services where the results of such research or services would be retained by a third party.

### Home Use Undertakings Agreement

Subject to the Home User accepting the following provisions, the Licensor grants the Home User the right to Home Use of the Software:

#### 1: Definitions

- "Home Use" means a Home User may install the Software on a single computer of their own, which shall only be used by the Home User and only for the purposes of their own education, learning, private study, or academic research while actively enrolled with the Licensee, or in connection with teaching the Licensee's students. If a Home User terminates a course of study or employment with the Licensee prior to expiration of the Licensee's Licence, Home User's licence to use the Software will terminate at that time.
- "Home User" means any student or staff for whom the Licensee is responsible.

- “Licensee” means the party who has licensed the Software from the Licensor.
- “Licensor” means the party who allows Home Use of the Software.
- “Software” means the product shown on Eduserv’s Chest website.

## 2: Undertakings

The Home User agrees:

- to adhere to the terms and conditions of this Home Use Undertakings Agreement, Licensor’s EULA, and/or such other terms and conditions that the Licensor may require;
- to use the Software for Home Use only;
- not to receive any payment, consideration or concession of any kind from Home Use nor to use the Software for any commercial purpose;
- not to sell, resell, sublicense, lease, rent, hire, loan or transfer the Software or make it available to any other person or party;
- not to remove, obscure or modify copyright notices, disclaimers, text or means of identification appearing in the Software;
- not to alter, adapt, modify, disassemble, decompile, reverse engineer or create any derivative works of the Software except to the extent necessary to make it readable on a computer screen, or as otherwise permitted by law;
- that the Software warranty is limited exclusively to the warranty terms set forth in the EULA;
- that no support is available for Home Use from the Licensor;
- that upon terminating a course of study or employment with the Licensee prior to expiration of the Licensee’s Licence, that his/her licence to use the Software is immediately revoked, and that he/she will promptly uninstall the Software from his/her personal computer;
- to co-operate as required by the Licensee and/or the Licensor, at any reasonable time and subject to reasonable notice, in order to demonstrate compliance with these undertakings;
- that these undertakings are given to the Licensee and Licensor, either or both of whom may enforce the same.

CHEST Licences are registered to UK Universities. It’s incumbent upon the Licence Administrator [UK University] when delivering a Licence that they [*Licence Administrator and User*] are fully conversant in the latest version of the L3harris EULA. The CHEST licences should only be given to Users who are registered at the University [Students on a degree granting course, and course lecturers]. Where Licences are used outside of the UK, it is incumbent upon the Licence Administrator to ensure CHEST Licences are hosted on University Machine. Under no circumstances should a Licence be exported, or re-exported to a USA embargoed country.

Home Use: This provision allows a User to use a CHEST Licence on a home computer, where that computer is expected to be located within the UK (England, Scotland, Wales & Northern Ireland). The CHEST Licence is used in accordance with the L3Harris EULA, with the supplementary terms set forth on the CHEST website.

### Export Compliance

See [this page](#)

## Products and Pricing

Please read these notes before placing an order for ENVI

- Currency: All prices are in GBP and exclude VAT.
- Annual payments are paid in advance each year of their 3 year licence. Sites that pay for the full three years upfront will enjoy an additional 10% discount.
- ENVI Base **must be** purchased/have already been purchased if you are ordering other products.
- ENVI licences are non-concurrent with the Agreement. Please check your licence expiry date before completing an order form – ENVI licences run for three years regardless of the date they started.
- Payment terms are shown on the Terms and Conditions tab.
- If you are ordering multiple products then we recommend that you itemise them on your Purchase Order.
- Adding additional products to your licence: Institutions wishing to add products to their ENVI licence should place an order in the usual fashion. Chest Help will identify that this is additional and process accordingly. Please note Institutions adding a product to their ENVI licences will pay full year pricing regardless of order date. In year one this will be by separate invoice, in following years all products will be combined into one single invoice.

### Product Packages

## Payment Type

- 'Annual' means making one payment per year for each year of the three-year licence term;
- 'One-off' is one single payment upfront to cover the full three year term. One-off prices are 10% lower than three annual payments.

Product	Payment type	£ - Year 1	£ - Year 2	£ - Year 3
ENVI Base	Annual	1,700	1,700	1,700
ENVI Base (3 years upfront)	One-off	4,590	-	-
ENVI Modules Bundle Unlimited	Annual	2,200	2,200	2,200
ENVI Modules Bundle Unlimited (3 years upfront)	One-off	5,940	-	-
ENVI 40 Seat IDL Bundle	Annual	2,200	2,200	2,200
ENVI 40 Seat IDL Bundle (3 years upfront)	One-off	5,940	-	-
ENVI 5 x SARscape Licences	Annual	3,570	3,570	3,570
ENVI 5 x SARscape Licences (3 years upfront)	One-off	9,639	-	-
ENVI 10 x SARscape Licences	Annual	5,714	5,714	5,714
ENVI 10 x SARscape Licences (3 years upfront)	One-off	15,429	-	-
ENVI Short-term Licence Bundle	-	5,500	-	-

Commercial in confidence

Operating address: Chest (a Jisc Enterprise), 4 Portwall Lane, Bristol. BS1 6NB email:help@chest.ac.uk tel:0300 121 0878

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