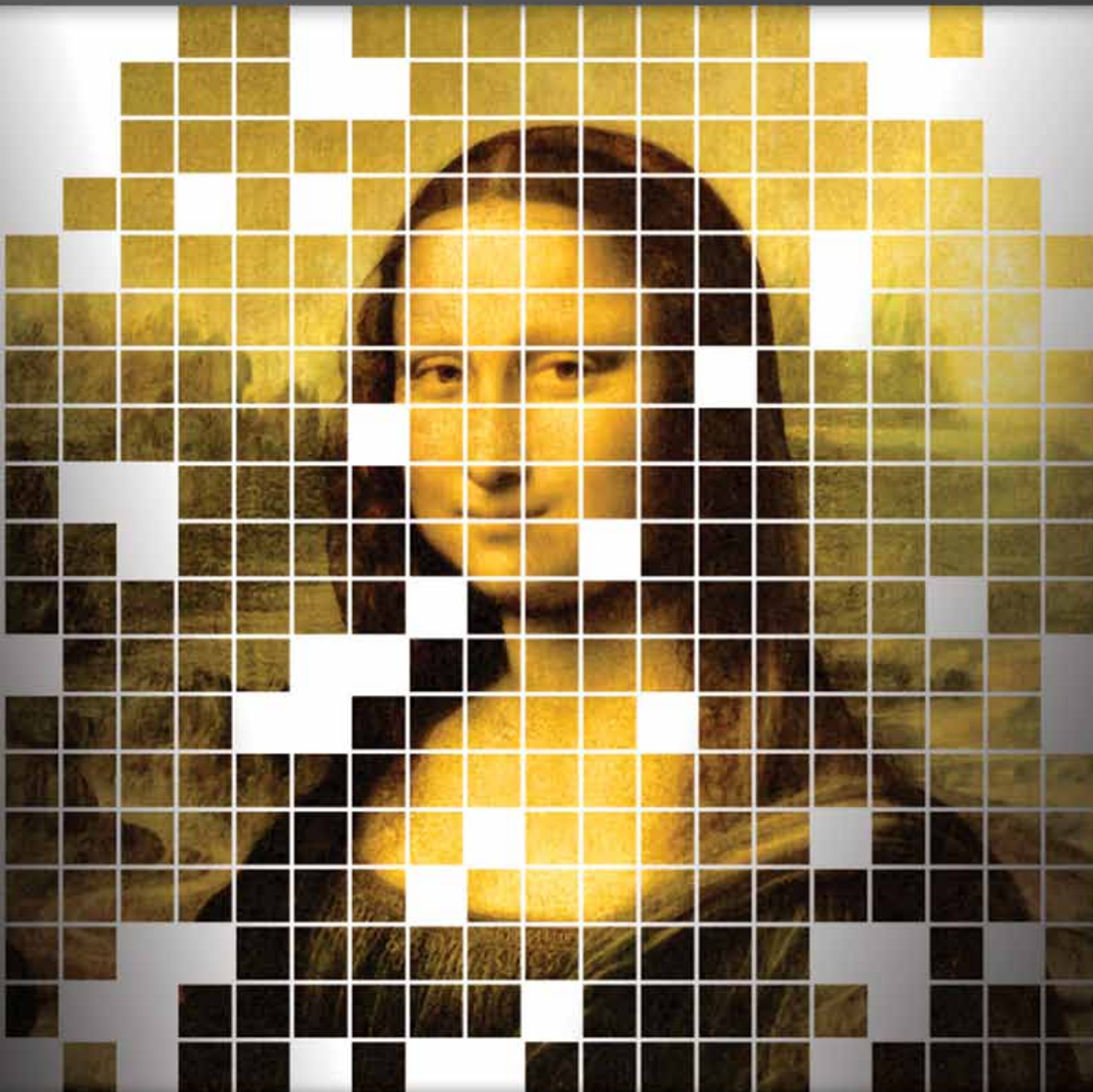




Mona Lisa is back ...



Last time for SA
This time for AS

WWW.JAVAD.COM

For the latest GNSS news and
technical information visit
www.javad.com

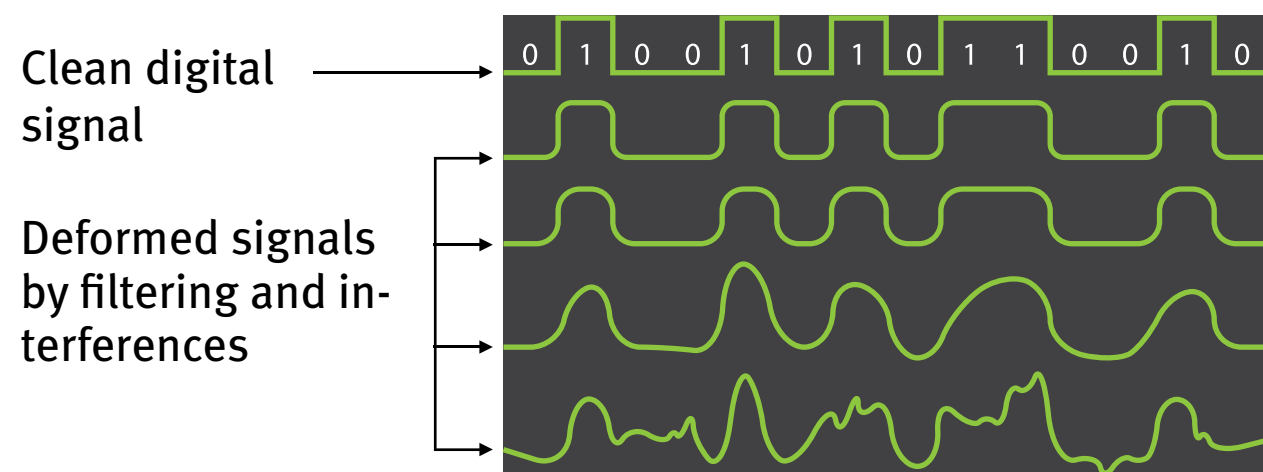
The screenshot shows the JAVAD website homepage with a navigation bar at the top containing 'PRODUCTS', 'SUPPORT', 'MENU', 'JAVAD', and 'MY'. Below the navigation bar is a banner with the text 'You've come a long way... Survey!' and 'View and Order Triumph-V5'. The main content area is a grid of news items:

- Menu:** Put cursor on the Menu button on the top of the screen to see web directory.
- Experience TRIUMPH-V5:** \$2,990. This is the most advanced GNSS receiver. Experience it. >>>
- Learn and Win:** To participate in this competition, correctly answer the eight questions below by July 22, 2011. >>>
- GPS & GLONASS History:** How GPS and GLONASS got together - and other recent events. >>>
- First from Javad and from Russia: GLONASS-K L3 CDMA**
- A solution for LightSquared:** In this video we suggest a solution trend towards resolving the LightSquared/GPS conflict. >>>
- Javad Appeals to Obama:** GPS World report on LightSquared/GPS controversy and Javad's appeal to President Obama. >>>
- End P-codes encryption:** Sign petition to President Obama to end P-codes encryption. >>>
- Visit us at Intergeo:** Tuesday, September 27 to Thursday, September 29; Nuremberg, Germany. >>>
- TRIUMPH-V5 tracks Galileo E5 altBOC signal**
- TRIUMPH-V5 Software 1.5:** Version 1.5 of TRIUMPH-V5 software is released. >>>
- Newsletter:** Subscribe to receive our electronic Newsletter. >>>
- Javad Video Lessons:** He will personally guide you how to use TRIUMPH-V5. Click the image. >>>
- GyrAnt/IMU Integrated:** The results of GyrAnt + GPS receiver integration system test. >>>
- Signal updates on Galileo GIOVE-B and Compass satellites**
- Lift & Tilt Survey:** Don't Look! Don't Touch! TRIUMPH-V5 reads your mind! >>>
- Interferences:** See in-band interferences that affects your job performance. >>>
- TRIUMPH-V5 How-To's:** Questions regarding TRIUMPH-V5. >>>
- Justin Link:** Transfer points and attributes from TRIUMPH-V5 to Justin. >>>
- JAVAD GNSS receivers can track Chinese Compass (BeiDou-2)**
- Winning USGS bid:** U.S. Geological Survey Awarded JAVAD GNSS up to \$3.9M Contract. >>>
- Multipath Comparison:** See test results of German Aerospace on several receivers. >>>
- NetView:** Transfers data from JAVAD GNSS receivers to computer and controls receivers. >>>
- NetHub:** Download and upload to ftp Receiver Files. >>>

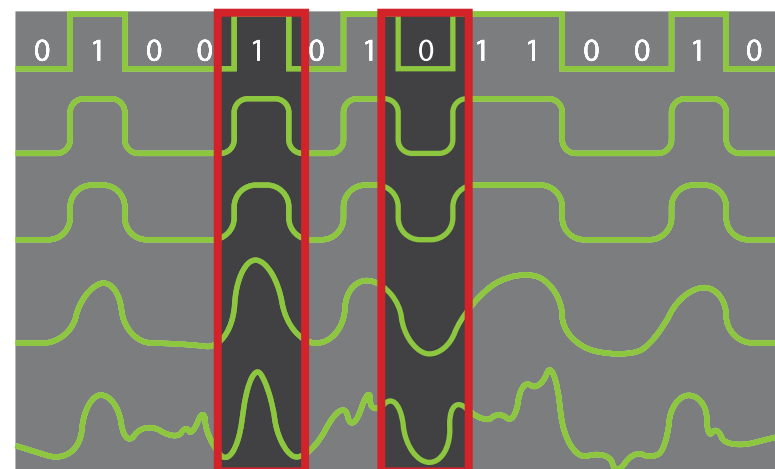
At the bottom, it states: 'All JAVAD GNSS receivers track QZSS Satellite and its New L1C signal' and provides a link for 'INS customers click here for support'.

GNSS is affected more by interferences

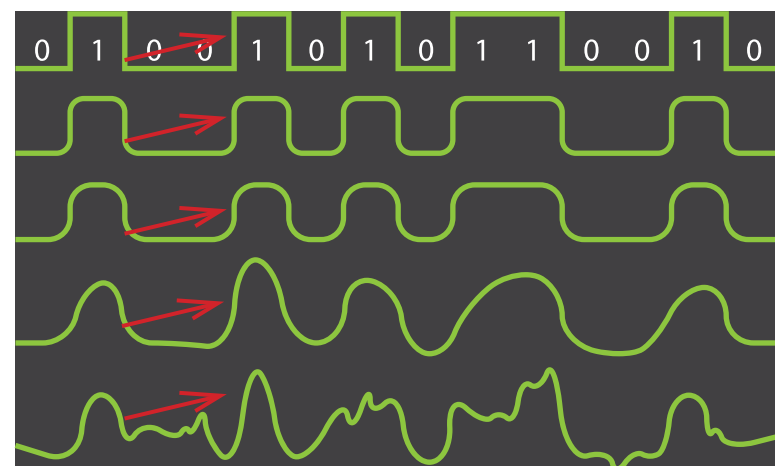
High precision GNSS receivers are more sensitive to interferences because GPS digital signals are used for “ranging”.



Communication devices recover “1”s and “0”s of a digital signal in all signal examples shown in this graph.



GNSS receivers need to measure distances by marking the arrival times of signals. Hence signals need to have clean and sharp edges to clearly mark the arrival times.



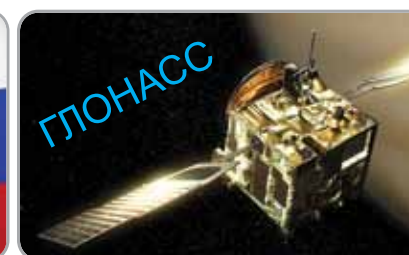
Policy to encrypt P-codes is outdated

Encrypting P-codes has made GPS 1,000 times more vulnerable to interferences, especially for high precision applications. Encrypting should be done only where and when needed.

Policy to Encrypt P-codes is over 30 years old.



Then it was against Soviet Union. We had missiles targeted at each other. Now Soviet union is gone and Russia is our friend.



Then Russia did not have GNSS. Now Russia has its own GLONASS with un-encrypted P-codes.



Then there was “Iron Curtain”. Now Presidents Obama and Medvedev signed 3-year visa exchange programs.



Then the concept of using GPS for high precision application did not exist. Now GPS is used in high precision applications with huge economical benefits.



Then there was no concept of broadband usage (like LightSquared). P-codes encryption makes GPS much more vulnerable to LightSquared.



Then P-codes were the only codes for military usages. Now U.S. Military has a new plan for its signals.



Since its inception, GPS in general and P-codes in particular was never used to attack U.S. national security.



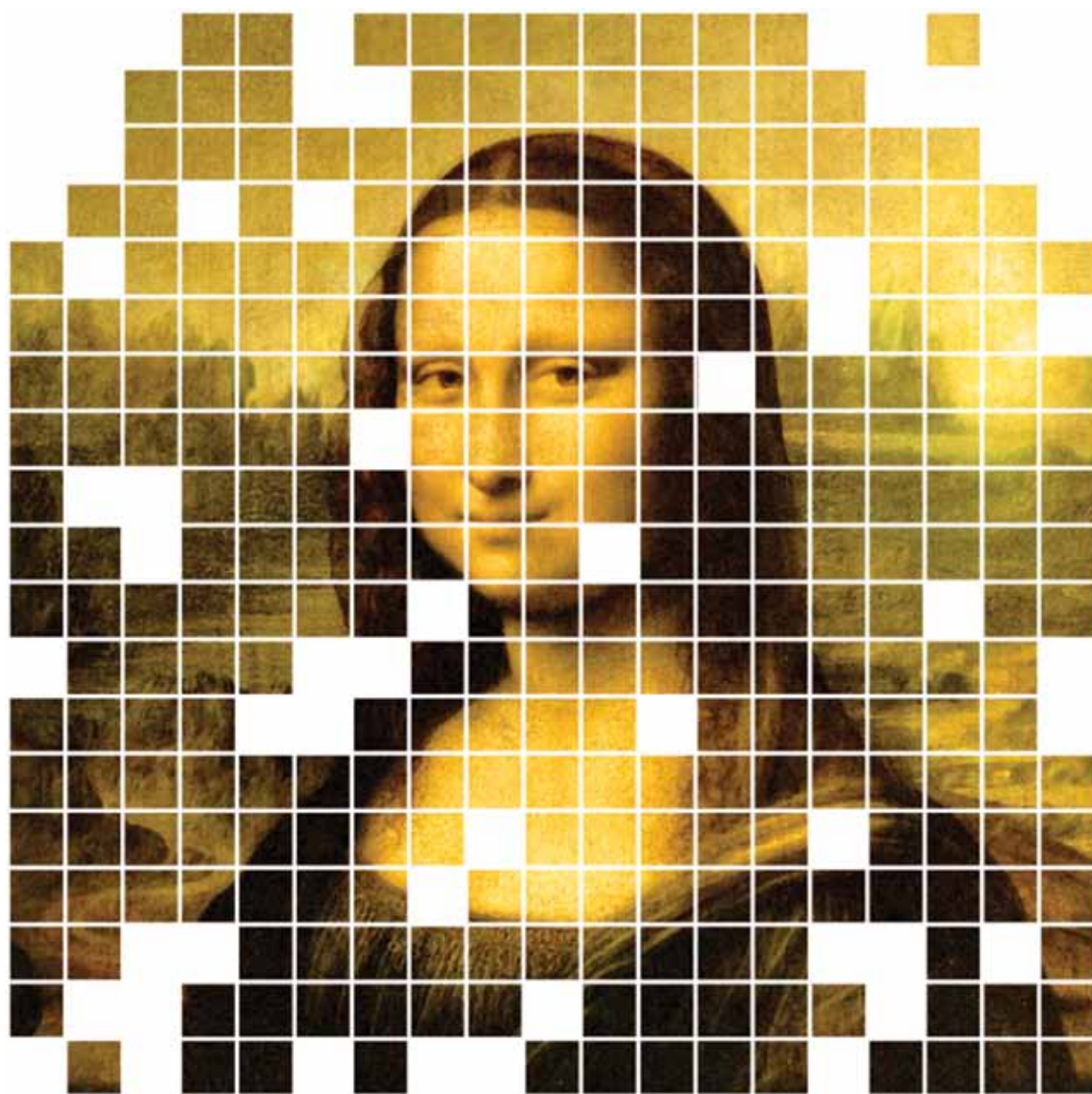
GLONASS P-codes never encrypted and Russians national security did not suffer. Reliable RTK is not possible without combining GPS and GLONASS.



Since the inception no benefit came from encrypting P-codes, but all precision users suffered by a factor of 1,000.

P-codes encryption, bad science and bad politics

Our campaign against Selective Availability was successful. Please join the efforts to end P-codes encryption now.



Encrypting GPS P-codes is a step backward in providing the best of this excellent work of science and art. As the leader in GPS technology, we consider P-codes encryption as being neither good science nor good politics.

Petitions to President Obama



**President Obama,
tear down this wall.**

Please see video and sign the petition at javad.com to end P-codes encryptions. Also contact your local representatives.

www.javad.com
Video Lessons

Another Offer*

Try TRIUMPH-VS and Compare!



The screenshot shows the JAVAD website's 'Javad Video Lessons' page. At the top, there are navigation tabs for PRODUCTS, SUPPORT, MENU, JAVAD, and MY. Below the navigation, the page title is 'Javad Video Lessons' with a sub-header 'We plan to add at least one new lesson per week. Check here frequently.' The main content is a grid of video lesson thumbnails under the heading 'Triumph-VS'. Each thumbnail includes a video player preview, a title, and a duration. The lessons cover topics such as 'Introduction to Triumph-VS', 'RTK with base station and UHF', 'Maps & Points', 'In the Field With RTK', 'Draw (Manage Points)', 'VRS (LAH, Wi-Fi, GPRS, NTRIP)', 'Six Pack RTK V6 Engine', 'Selecting local coordinate system', 'Creating local coordinate system', 'CoGo', 'Introduction to GNSS Spectrum', 'TRIUMPH-VS GNSS Spectrum Analyzer', 'Stakeout and Stake-Survey', 'Structure Monitoring', 'Base station', 'Support, update software, OAF', 'Inside Batteries', 'JustinLink to Triumph-VS', 'Active Map & New Features', and 'Other Software' including 'JustinLink', 'NetHub', and 'NetView'.

First visit www.javad.com and view our 21 GNSS Video Lessons (total of about 4.4 hours). It will be a good learning experience, even if you do not proceed with the following offer:

- To experience the **TRIUMPH-VS**, pay **\$2,990** and receive one complete system with all accessories for RTN/VRS RTK, or RTK using your own base station (like a TRIUMPH-1 or another TRIUMPH-VS).
- Experience it for one month. To purchase it, send us three additional monthly payments of \$2,990. Or send it back for a full refund.

Visit our dealer near you or www.javad.com

* Limited time offer and subject to credit approval. This offer is separate from our Technical Competition event.