



PATOLOGÍA DIGITAL: LA EXPERIENCIA VALENCIANA EN UNA RED DE HOSPITALES PRIVADOS

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Hospitales Vithas Valencia - Castellón

**La Sanidad Privada ya ha
descubierto el impacto
económico
favorable de la
Patología Digital**

**La implantación de Patología Digital
en un hospital mediano – grande
PUEDE ser un proceso relativamente
sencillo**





Welcome to Patología Digital Web Server

 Username

 Password

Remember me

OR

[Continue as a guest](#)



Dell PowerEdge R730xd 2U 19" 24x SFF 2x Xeon E5-2609V3 1.9GHz 6C 32GB 4x 8GB RAM PERC H730p 2Gb vmware Server



Unser Preis: 1.100,80 €

inkl. MwSt

Technical data:

Hersteller: DELL

Gerätetyp: Server

Bauart: 19" 2 HE

Modell: Dell PowerEdge R730xd

Festplatten HDD Bays:

24x HotSwap Festplatten Einschub SAS/S-ATA 3Gb/6Gb Backplane

Optisches Laufwerk: ohne

Networking: Broadcom 5720 Quad-Port 1GbE BASE-T Rack Network Daughter Card FM487

Interne Schnittstellen:

- 2x FCLGA2011-3 Intel CPU Socket for XEON E5-2600 v3 v4 Serie
- Intel C610 series chipset
- 24x DDR4 288pin ECC DIMM Banks up to 1,5TB RAM speed to 2400 MT/s
- 1x PCIe x16 Full Profile
- 2x PCIe x8 Full Profile
- 3x PCIe x8 Low
- 1x USB, 1x SATA

optional with:

- R730xd Server Rear Flex Bay 2.5" Drive Backplane 06WNVX

Externe Schnittstellen:

- 3x USB 2.0 (1x front)
- 4x RJ-45 LAN Gigabit 10/100/1000 Mbit
- 1x RJ-45 Management Port DELL iDRAC8 with Lifecycle Controller
- 2x VGA 15pol. D-SUB (1x front)

Installierte Komponenten:

Prozessor:

2x Intel Xeon E5-2609V3 SR1YC 6C Server Prozessor 6x 1,90 GHz 15MB Cache 2011-3 CPU

Arbeitsspeicher:

1x 32GB Registered ECC DDR4 SDRAM (4x 8GB DIMM)

SAS Controller:

1x Dell 2GB PERC H730p Mini Mono 12G SAS SATA Raid Controller for HDD SSD Modularslot + BBU Raid 0,1,5,6,10,50,60, non-Raid (pass through) H730P D90H2





CATEGORIAS

Buscar...



CARRITO / 0,00€



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ELEGIR REFURBISHED

Inicio / Rack Servers / Dell PowerEdge 2U / Dell PowerEdge R720XD



CATEGORIAS PRODUCTOS

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Rack Servers (90)

IBM Servers

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Dell PowerEdge 2U

Dell PowerEdge C6320

Dell PowerVault

Dell Precision

Dell PowerEdge XC730

Dell PowerEdge R730XD

Dell PowerEdge R710

Dell PowerEdge R720

Dell PowerEdge C6220

Dell PowerEdge R720XD

Dell PowerEdge R730

Dell PowerEdge R820

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HP ProLiant 2u

Fujitsu 1U and 2U

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Networking & Storage (20)

Blade Servers (2)

DELL PowerEdge R720XD 12LFF

CONFIGURA TU EQUIPO

CPU RAM CONECTIVIDAD ALMACENAMIENTO RAID



¡CONSÚLTANOS PARA ASESORARTE!

ENVÍO RÁPIDO

IDRAC 7



DELL POWEREDGE R720XD 12LFF 2U (12x 3.5" Bahías) CONFIGURABLE

Desde: 239,39€

DELL POWEREDGE R720XD 12LFF 2U (12x 3.5" Bahías) CONFIGURABLE
ENVÍO RÁPIDO, FACTURA DISPONIBLE, CAJA REFORZADA, VENDEDOR PROFESIONAL

- ✓ 1 Año de Garantía Incluida. Extensible a 3 Años.
- ✓ Envío Inmediato Urgente.
- ✓ Tarjeta, Paypal y Transferencia.

SKU: 366

Categorías: Configurador Servidores, Dell PowerEdge R720XD



Procesador (CPU)

Elige la CPU, recuerda que este servidor admite 2 CPUs. La Generación V2 es la mas actual y eficiente para este Servidor.

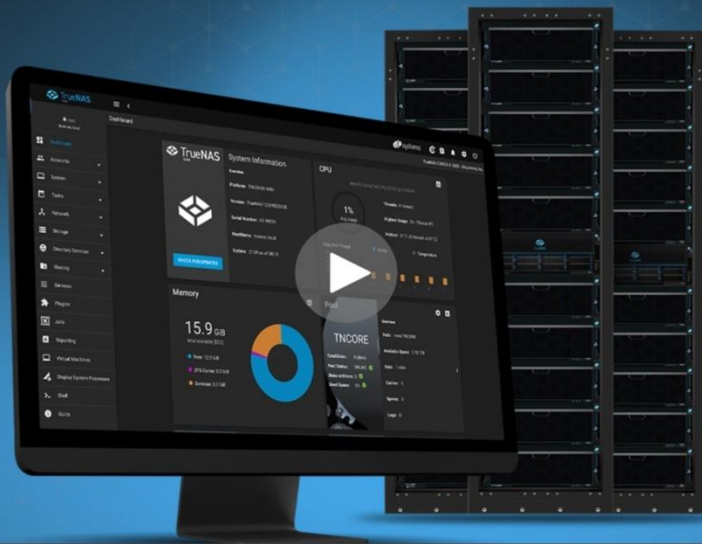
Available options:

Intel Xeon E5-2660 V1 (8 Núcleos/16 Hilos) @3.00GHz Turbo Speed - 21,95€



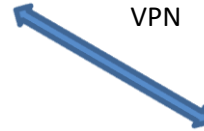
Open Storage Means True Performance

World's most deployed storage with >1M deployments worldwide. Trusted by thousands of companies and organizations, including more than 40% of the Fortune 500.





NAS



Patólogos, TEAP,
Admin



Server

WSI
Server



VPN



FTP

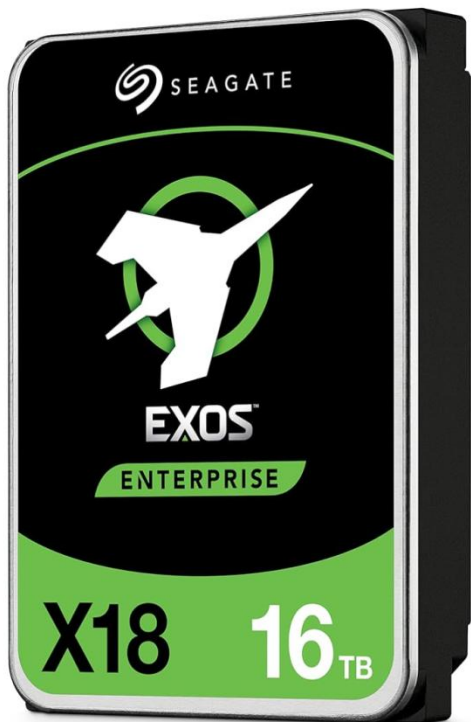


Escritorio remoto



TeamViewer, Anydesk, Aero...

[← Volver a los resultados](#)



Pasa el ratón por encima de la imagen para ampliarla



Seagate Exos X18, 16 TB, Disco Duro Interno Enterprise Classe, SATA HDD, CMR 3,5", Hyperscale SATA 6 GB/s, 7.200 RPM, 512e, 4 KB FastFormat (ST16000NM000J)

Visita la tienda de Seagate Technology

4,1 1.580 valoraciones

50+ comprados el mes pasado

Precio anterior: 249,99€

Precio para empresas **200,00€ IVA no incluido**

240,00€ IVA incluido

Ahorras: 9,99€ (4 %)

Los precios incluyen IVA.



¿Vas a comprar varios productos? [Ir a la selección múltiple](#)

Capacidad: 16 TB

1 TB

--

2 TB

--

4 TB

--

6 TB

--

8 TB

--

10 TB

--

16 TB

240,00 €

18 TB

287,99 €

Capacidad de almacenamiento digital

1 TB

Interfaz del disco duro

Serial ATA

Tecnología de conectividad

SATA

200,00€ (240,00 IVA incluido)

Entrega GRATIS entre el 3 - 8 de enero. [Ver detalles](#)

Este producto llegará después de Navidad. ¿Necesitas un regalo de forma más rápida? Descubre los cheques regalo de Amazon.es por e-mail o SMS.

Enviar a Patología - Valencia 46002

Envío en 6 a 7 días

Cantidad:

[¿Vas a comprar al por mayor?](#)

[Añadir a la cesta](#)

Transacción segura

Factura con IVA descargable
Vendido y enviado por [Aiza's Goods](#).

Política de devoluciones: [Se puede devolver hasta el 31 de enero de 2024](#)

[Añadir a la Lista de deseos](#)

Nuevos (34) desde **240,00 €** & **Envío GRATIS**

1 Petabyte = 25.000 €

Integración

¿Objetivo o problema?

Patología Digital es...

Un modelo integrado del Sistema de información de Patología, Visor diagnóstico de preparaciones digitales, imagen macroscópica, historia clínica hospitalaria, PACS, algoritmos de IA...

La foto de un cristal,
A 2 GB y 200.000 x 90.000 pixeles

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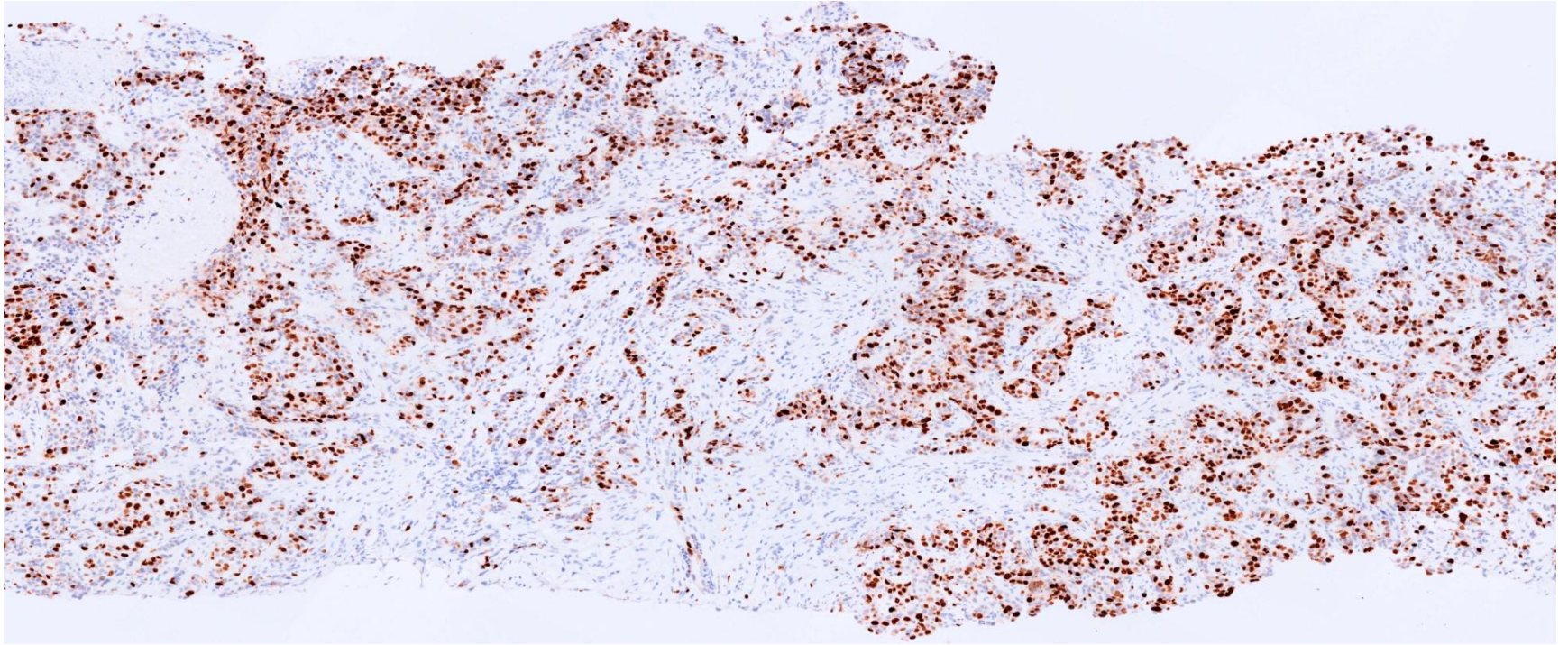
DICOM / Activity / Working Groups & Minutes / WG-26: Pathology

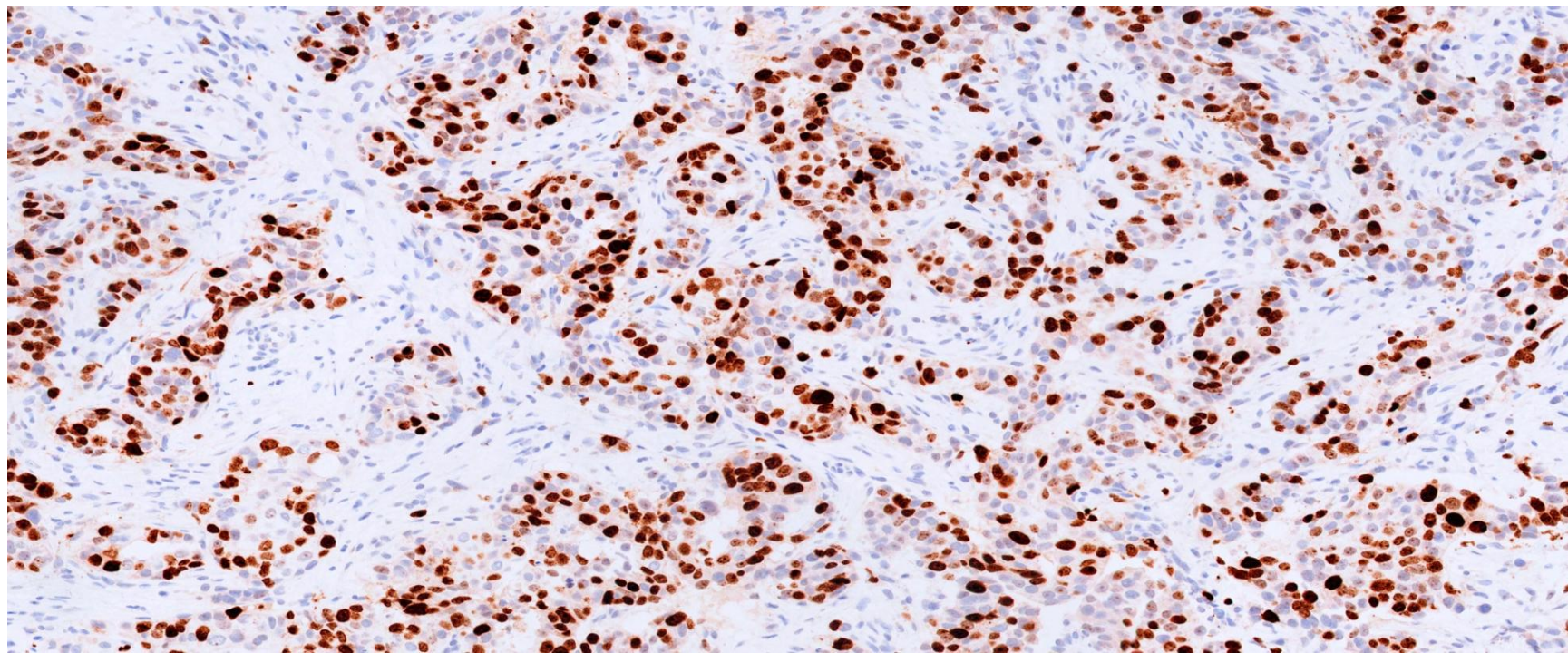
WG-26: Pathology

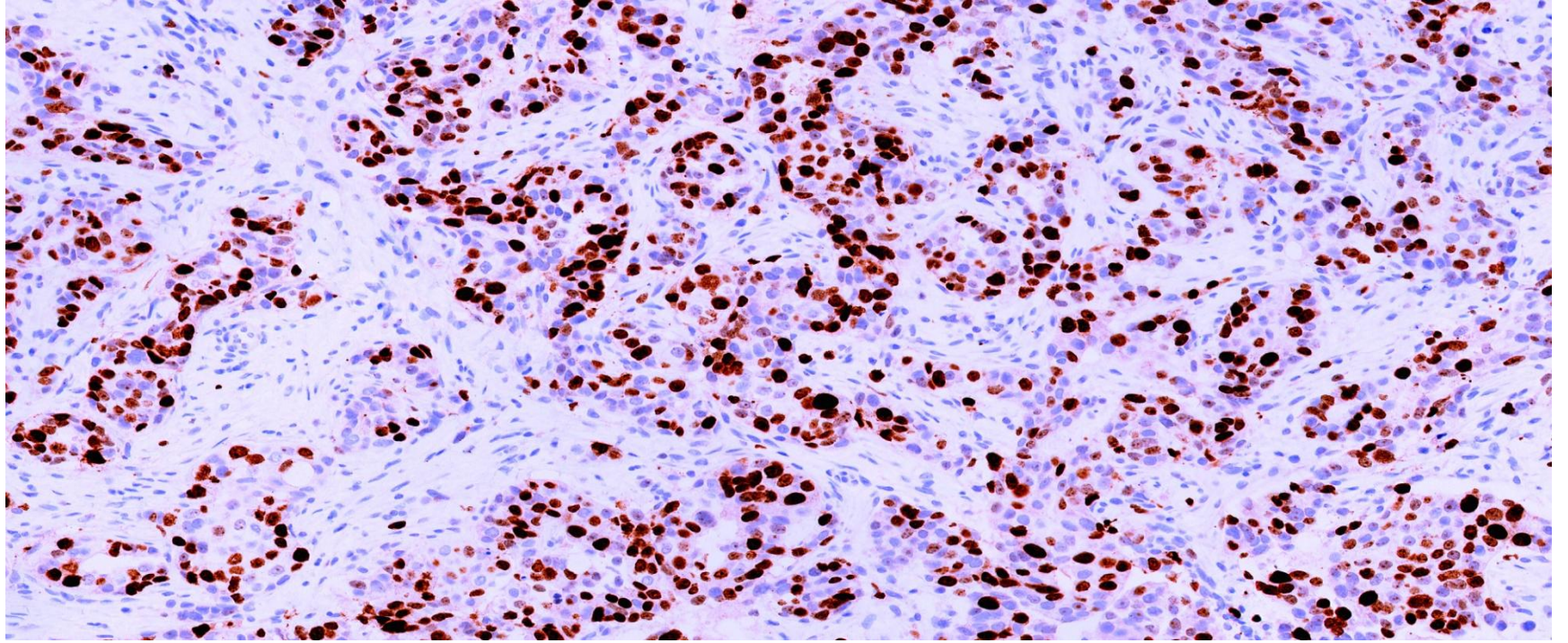
Secretariat (U.S)	College of American Pathologists (CAP) Kevin Schap, wg26chairs@dicomstandard.org
Secretariat (Europe)	Sociedad Española de Informática de la Salud (SEIS) Marcial García Rojo, wg26chairs@dicomstandard.org
Co-Chairs	Markus Herrmann, F. Hoffmann-La Roche Ltd Mikael Wintell, Västra Götalands Regionen wg26chairs@dicomstandard.org
Last strategy update	2019-10-02
Subgroup: WSI Annotations Ad Hoc	WG-26 WSI Annotations minutes
Minutes	WG-26 minutes
Email list links	Discourse email list WG-26 WSI Annotations list

Must be on the lists to send/receive messages. Please contact the Secretariat to be added.

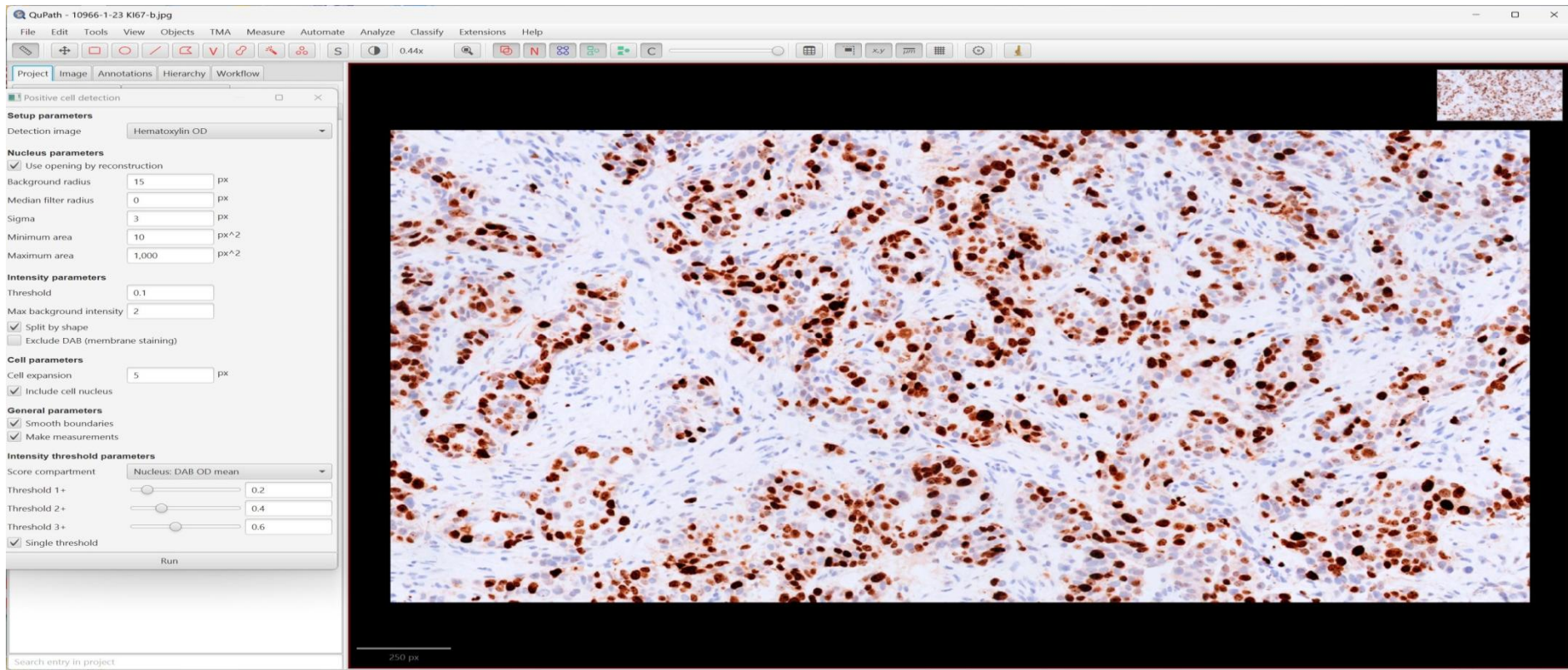
Cuantificación en AP







quPath



The screenshot displays the quPath software interface. The main window shows a histology image with brown-stained cells (DAB) on a blue background (hematoxylin). The left sidebar contains a 'Positive cell detection' panel with the following settings:

- Setup parameters**
 - Detection image: Hematoxylin OD
- Nucleus parameters**
 - Use opening by reconstruction
 - Background radius: 15 px
 - Median filter radius: 0 px
 - Sigma: 3 px
 - Minimum area: 10 px²
 - Maximum area: 1,000 px²
- Intensity parameters**
 - Threshold: 0.1
 - Max background intensity: 2
 - Split by shape
 - Exclude DAB (membrane staining)
- Cell parameters**
 - Cell expansion: 5 px
 - Include cell nucleus
- General parameters**
 - Smooth boundaries
 - Make measurements
- Intensity threshold parameters**
 - Score compartment: Nucleus: DAB OD mean
 - Threshold 1+: 0.2
 - Threshold 2+: 0.4
 - Threshold 3+: 0.6
 - Single threshold

At the bottom left, there is a search bar labeled 'Search entry in project' and a scale bar indicating '250 px'.

QuPath - 10966-1-23 Ki67-b.jpg

File Edit Tools View Objects TMA Measure Automate Analyze Classify Extensions Help

0.44x

Project Image Annotations Hierarchy Workflow

Annotation (4017 objects)

- None
- Tumor
- Stroma
- Immune cells
- Necrosis
- Other
- Region*
- Ignore*
- Positive
- Negative

Filter classifications in list

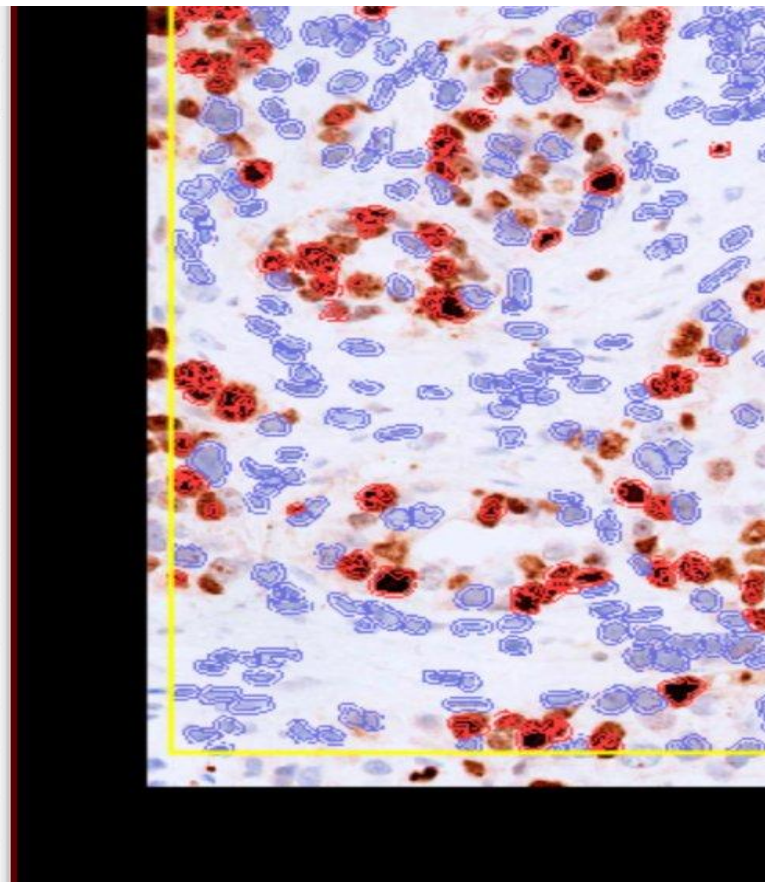
Select all Delete Set class Auto set

Key	Value
Image	10966-1-23 Ki67-b.jpg
Object ID	8aad1d7e-8e33-4b43-bf37-dcfd...
Name	PathAnnotationObject
Class	
Parent	Image
ROI	Rectangle
Centroid X px	1532
Centroid Y px	834.5
Num Detections	4017
Num Negative	2355
Num Positive	1662
Positive %	41.3742
Num Positive per px^2	0.0003
Area px^2	4986576
Perimeter px	9346

Measurements Description

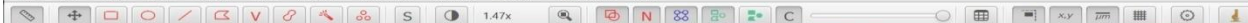
250 px

Key	Value
Image	10966-1-23 KI67-b.jpg
Object ID	8aad1d7e-8e33-4b43-bf37-dcfda...
Name	PathAnnotationObject
Class	
Parent	Image
ROI	Rectangle
Centroid X px	1532
Centroid Y px	834.5
Num Detections	4017
Num Negative	2355
Num Positive	1662
Positive %	41.3742
Num Positive per px ²	0.0003
Area px ²	4986576
Perimeter px	9346



QuPath - 10966-1-23 Ki67-c.jpg

File Edit Tools View Objects TMA Measure Automate Analyze Classify Extensions Help



Project Image Annotations Hierarchy Workflow

Annotation (5839 objects)

None

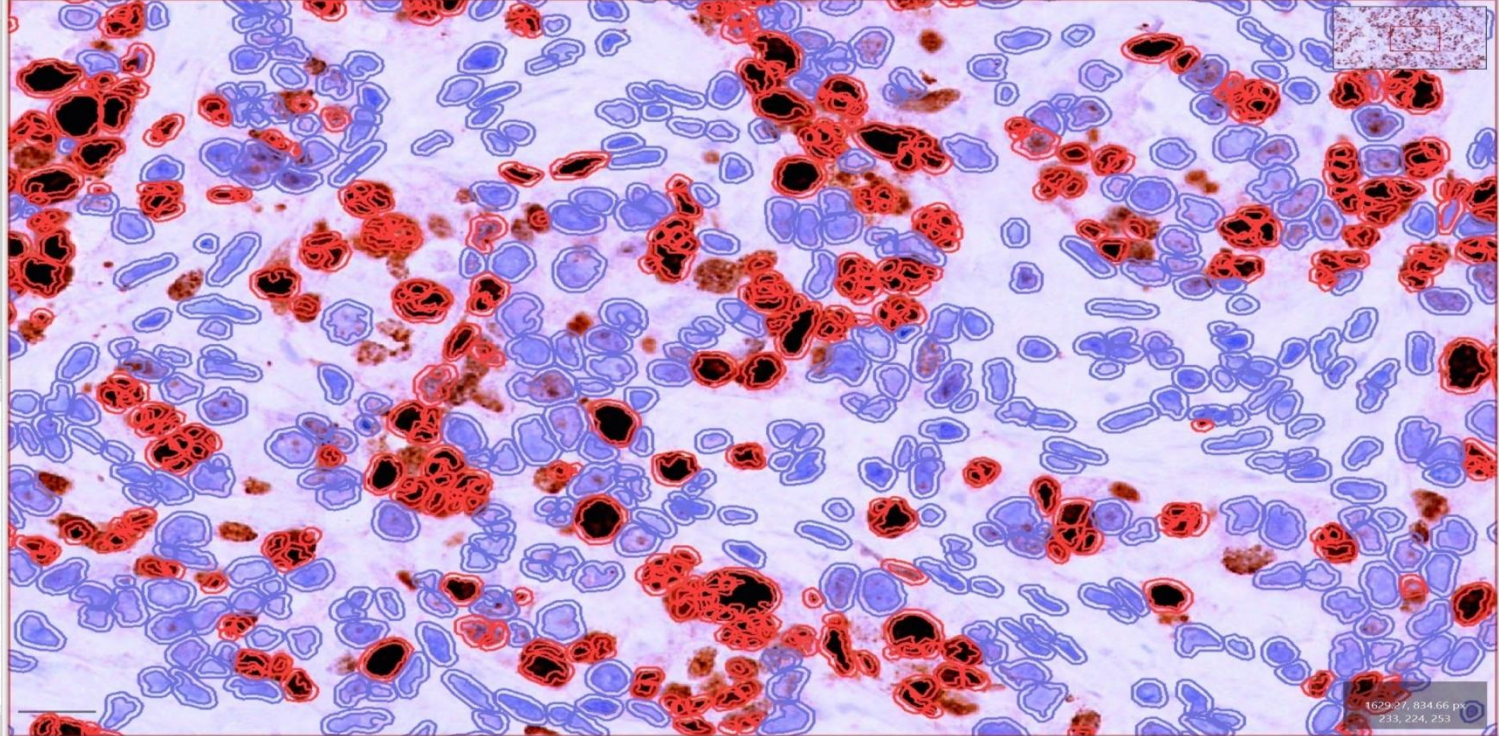
- Tumor
- Stroma
- Immune cells
- Necrosis
- Other
- Region*
- Ignore*
- Positive
- Negative

Filter classifications in list

Select all Delete Set class Auto set

Key	Value
Image	10966-1-23 Ki67-c.jpg
Object ID	b22a69a0-170e-4bdc-9d54-63aa5...
Name	PathAnnotationObject
Class	
Parent	Image
ROI	Rectangle
Centroid X px	1534
Centroid Y px	842.5
Num Detections	5839
Num Negative	3398
Num Positive	2441
Positive %	41.8051
Num Positive per px^2	0.0005
Area px^2	5061012
Perimeter px	9406

Measurements Description



1629.97, 834.66 px
233, 224, 253

QuPath - 10966-1-23 Ki67-b.jpg

File Edit Tools View Objects TMA Measure Automate Analyze Classify Extensions Help



Project Image Annotations Hierarchy Workflow

Annotation (4084 objects)

- None
- Tumor
- Stroma
- Immune cells
- Necrosis
- Other
- Region*
- Ignore*
- Positive
- Negative

Filter classifications in list

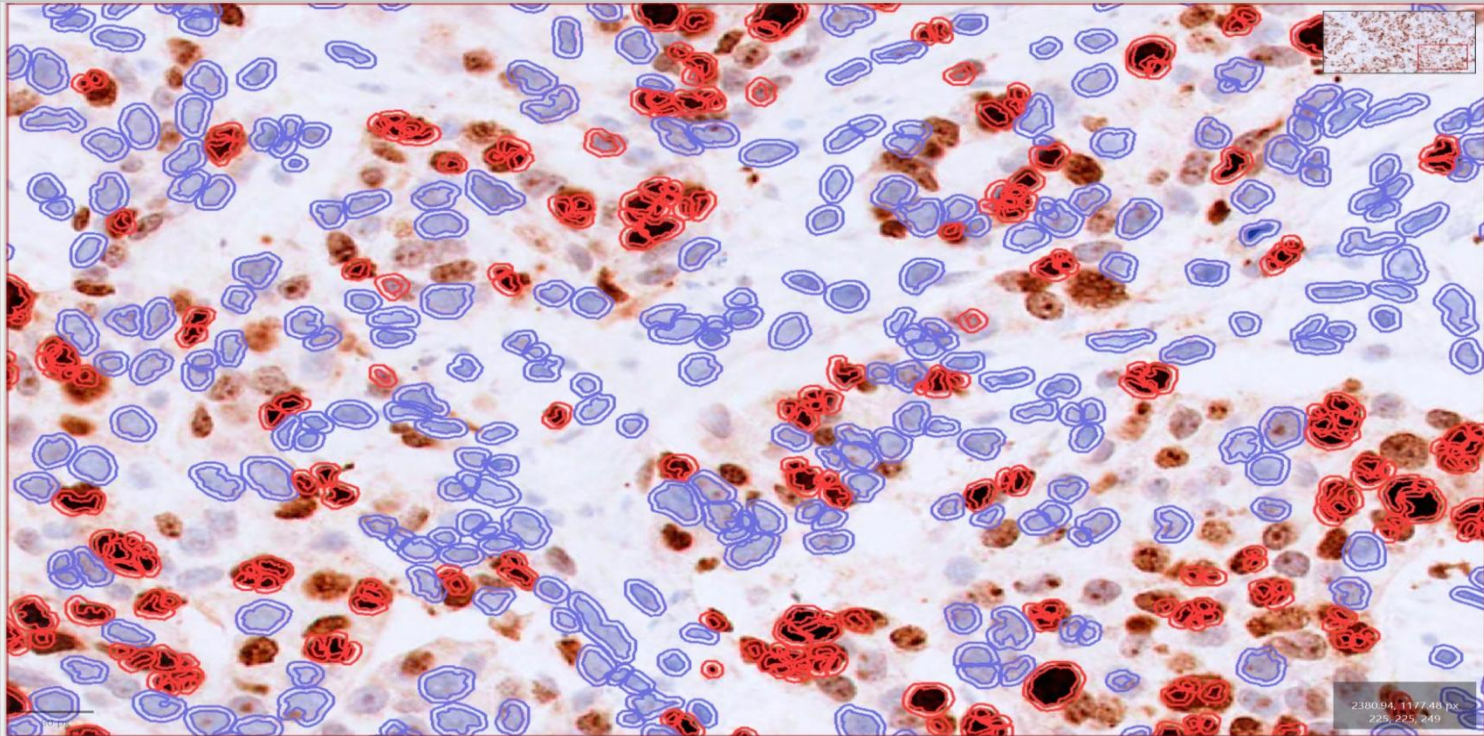
Select all Delete

Set class Auto set

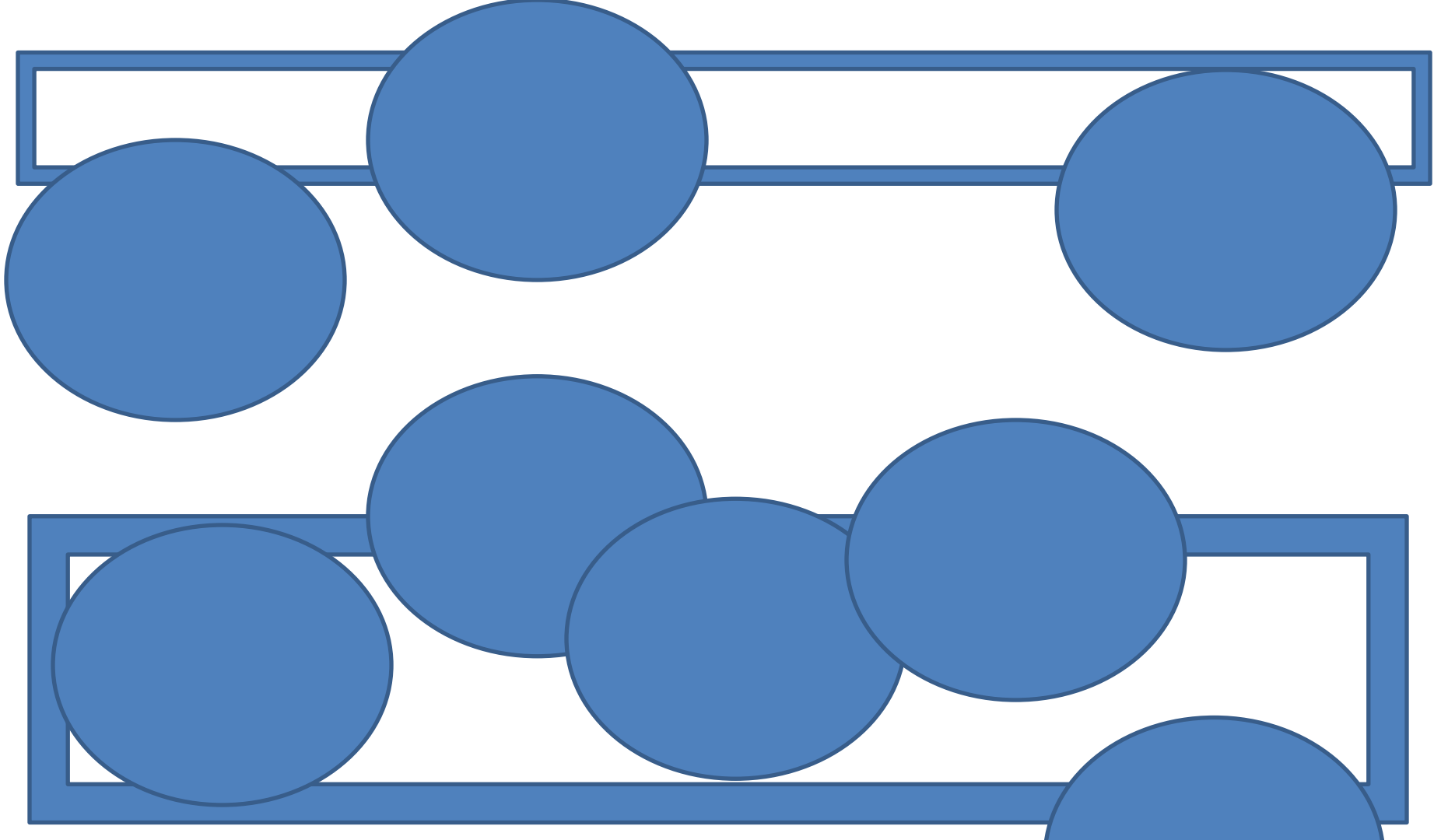
Key Value

Image	10966-1-23 Ki67-b.jpg
Object ID	894a3641-6810-418d-88ac-a7971...
Name	PathAnnotationObject
Class	
Parent	Image
ROI	Rectangle
Centroid X px	1532
Centroid Y px	846
Num Detections	4084
Num Negative	2391
Num Positive	1693
Positive %	41.4545
Num Positive per px^2	0.0003
Area px^2	5070720
Perimeter px	9416

Measurements Description



2386.94, 1177.48 px
225, 225, 249





**HAVE YOU TRIED
TURNING IT OFF AND
ON AGAIN?**



El ordenador del hospital



El ordenador de casa



No se aprende a ser digital en el hospital

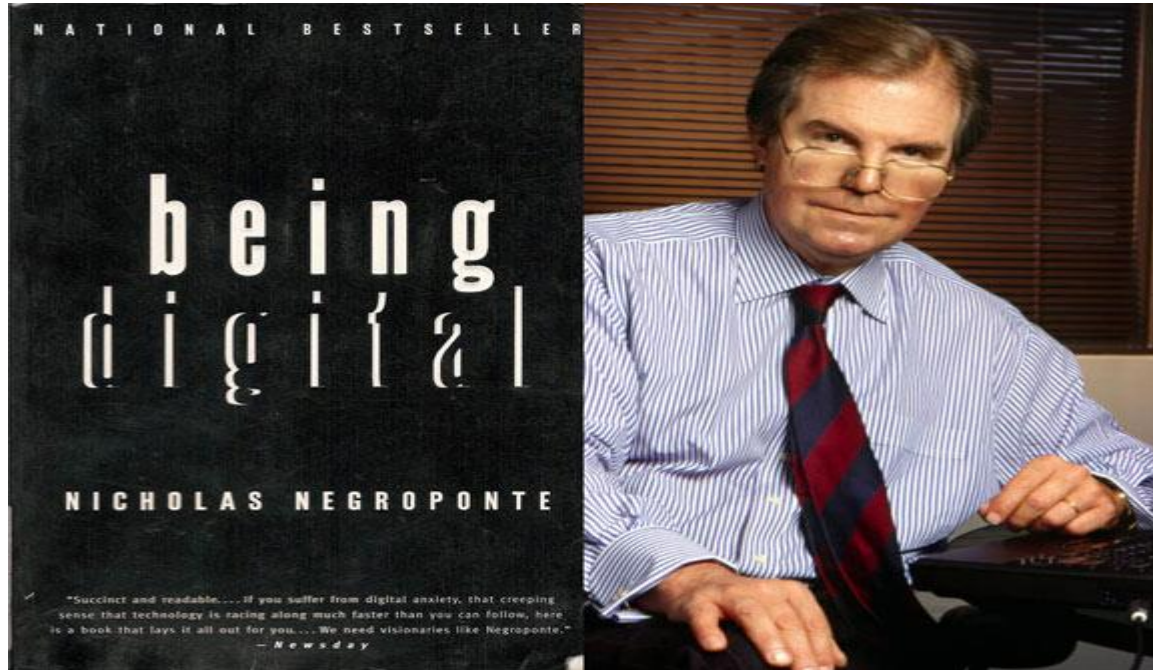
Se aprende en casa

La seguridad informática “les” desborda por completo

El ransomware solo ha sido la penúltima demostración de ingenio de los “innovadores digitales”

Afortunadamente solo estamos a cargo de la seguridad de nuestro ordenador doméstico

1995



2019



Gracias

