

# One Port the Whole World





# What is **SEECIX**

The South-East Europe Cloud & Interconnection Exchange (SEECIX) is part of a strategic partnership with DE-CIX and is located within Lamda Hellix's neutral world-class data center campus. SEECIX is connected to the world's largest neutral interconnection ecosystem of DE-CIX, offering access to thousands of different networks and numerous DE-CIX locations. At SEECIX, further interconnection services are also available such as GlobePEER, VirtualPNI and DirectCLOUD, accessing top public clouds such as Microsoft Azure, AWS, Google Cloud, IBM Bluemix, Alibaba, Oracle, etc.



- Access more than 50 cloud providers, including all top players
- Peer or interconnect with thousands of networks in Greece and at additional DE-CIX locations





## **About Lamda Hellix**

Lamda Hellix Data Centers, founded in 2002, is the leading and award-winning provider of Neutral Data Center Services in South East Europe. It has been successfully operating for 17 years with 100% availability, providing its global clientele with a comprehensive portfolio of data center services including colocation, hybrid cloud, interconnection, managed ICT, business continuity, infrastructure operation, consulting & integration.

Strategically located in Europe and on the crossroads of the Eastern Mediterranean, Africa and the Middle East, the Athens Data Center Campus is the region's largest and most significant and upcoming digital gateway from/to Europe. The campus currently offers two innovative data centers (Athens 1 & Athens 2) which have garnered multiple prestigious international awards (Best Data Center in EMEA, Best Regional Data Center Provider, Gold Energy **Efficiency Improvement Award** etc.) and meet the industry's highest standards (Tier III Design & Construction, USGBC LEED v4 Gold O+M & BD+C Certifications).



## **About DE-CIX**

DE-CIX is the world's leading Internet Exchange provider which operates several carrier and data-center neutral interconnection platforms in various metro markets in Europe, North America, the Middle East, and Asia. DE-CIX serves thousands operators, Internet service providers (ISPs), and content providers from more than 100 countries with peering and interconnection services at its more than 22 locations globally. Founded in 1995, DE-CIX's Internet Exchange in Frankfurt is the world's leading interconnection platform, managing more than 9 Terabits per second peak traffic.





## **One Port - The Whole World**

SEECIX powered by DE-CIX, provides a wide range of premium local and global peering and interconnection services, remote peering at additional DE-CIX locations, concurrent access to multiple cloud providers & regions, connectivity to major public cloud providers and access to the rich Lamda Hellix and DE-CIX ecosystem.

## Services & Benefits:

## Cloud Connectivity with DirectCLOUD:

- Connect fast and securely to the top public cloud providers
- Take advantage of hybrid- or multi-cloud strategy
- Benefit from a very simple and fast setup

### Peer with hundreds of networks with GlobePEER:

- Reach and peer with hundreds of networks at
   SEECIX and other DE-CIX
   locations
- Increase network quality, resiliency and improve user experience
- Reduce IP transit costs
- DDoS protection options

### Connect privately with VirtualPNI:

- Establish private virtual connections with your desired network within a metro region or between metro regions
- Exchange traffic privately
- Use the SEECIX infrastructure to extend the reach of your network and save on Capex and Opex

# Our Services DirectCLOUD

SEECIX provides private access to more than 50 cloud service providers via an additional VLAN on your existing access.

#### More Info:

- Dedicated connections between your infrastructure and one or multiple chosen cloud service providers
- Each connection is established via a dedicated VLAN on your SEECIX port
- SEECIX extends this VLAN to the relevant cloud provider
- All this within our cloud ecosystem for end-to-end cloud connectivity where you can choose your preferred partners
- Available service bandwidths range from 0.01 up to 10 GE
- Access more than 50 cloud service providers such as Microsoft Azure, AWS, Google Cloud, Oracle Cloud, IBM Bluemix, Alibaba Cloud, etc.



#### SEECIX 4

# Our Services GlobePEER

Public peering is an efficient and cost-effective service designed to reduce IP-transit and network costs by aggregating all kinds of ISPs on a single Layer 2 switching platform. SEECIX's public peering service will greatly enhance the speed and reliability of your IP products. We provide free value-added services such as the SEECIX route servers which will get you free access to many networks immediately – without the hassle to negotiate agreements with every potential peering partner.

#### **GlobePEER**

#### **GlobePEER Remote**

Reach and peer with networks connected to SEECIX Peer remotely with hundreds of networks at additional DE-CIX locations

#### More Info:

• Choose between 1, 10, or 100 GE.

• Free value-added services such as the SEECIX route servers which will get you free access to many networks without the hassle to negotiate agreements with every potential peering partner



## Our Services Fight DDoS attacks with Blackholing

#### Malicious traffic is dropped

When you detect a DDoS attack against your network, you can announce the affected prefixes as Blackholes by using the BGP BLACKHOLE community. As a result, all the traffic flowing to your network will instead be dropped on the SEECIX platform. The blackholed traffic will never reach your access and you can apply policy control to signal blackholed routes only to a subset of peers.

#### **Free of charge**

The Blackholing service is free of charge. Our Blackholing support is available for peers running both IPv4 and IPv6. SEECIX #

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# Our Services VirtualPNI

SEECIX's VirtualPNI service allows customers to easily establish virtual private connections. The connection can be provisioned easily, between any two points within a metro region and between metro regions. It can be used for MPLS connections, enterprise network traffic, or the selling of transit or paid peering.

#### **VirtualPNI**

Connect with other SEECIX customers.

#### **VirtualPNI Remote**

Connect to any other DE-CIX-enabled site at additional DE-CIX exchanges, e.g. in Frankfurt, New York, or Marseille.

Desired

network

#### **More Info:**

Flexible bandwidths from
 100 Mbps up to 100 GE

 Multiple VLANs to single destination ports or to multiple destination ports using different q-tags

• Different VLAN IDs on both sides

 Adjustable MTU size up to (9000 bytes maximum; default MTU size is 1534 bytes)

Your network 

## **Connecting is Easy**

- Implementation within a few working days
- 24/7/365 support
- Industry-leading SLAs

• Access to Lamda Hellix services (e.g. Multihome Internet, Cloud, Colocation, Business Continuity, etc.) and a wide range of DE-CIX interconnection services



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