

# Cloud Connect Data Sheet

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## Introduction

When you buy a connectivity service – VLAN or dedicated port - from a public cloud provider like AWS, Azure, Google or the like. Your public cloud provider will deliver a point of interconnection between your network and the public cloud network at one of the Dutch datacenters in which they have a physical or virtual presence. In many cases however, your network is not present at these points of interconnection. This is where atom86 can be of assistance.

atom86 can provide you with fast, reliable and high-quality connectivity to the public cloud provider's physical or virtual presence in the Netherlands.

## Locations

Our atom86 Cloud Connect services are available at the following locations:

- NIKHEF, Amsterdam
- Digital Realty Science Park (TC1), Amsterdam
- Digital Realty Wenckenbachweg (TC4), Amsterdam
- Equinix AM1/2, Amsterdam
- Equinix AM3/4, Amsterdam
- Equinix AM5 (TC5), Amsterdam
- Equinix AM6 (TC6), Amsterdam (via Equinix AM7)
- Equinix AM7 (TC2), Amsterdam
- Equinix AM8 (TC3), Amsterdam
- Interxion AMS1/2/4, Amsterdam
- Interxion AMS3, Amsterdam
- Interxion AMS5, Schiphol-Rijk
- Interxion AMS7, Schiphol-Rijk
- Interxion AMS8, Rozenburg
- Interxion Science Park, Amsterdam (via NIKHEF)
- euNetworks, Amsterdam
- Evoswitch, Haarlem
- GlobalSwitch, Amsterdam
- NL|DC Amsterdam1, Oude Meer
- Schuberg Philis, Schiphol-Rijk
- Switch DC, Amsterdam
- TDCG, Amsterdam

## Interconnections

All interconnections between a customer's equipment and the atom86 network are Ethernet based, i.e. 1GE-Copper/Fiber.

When you require less than 1Gbps of connectivity towards your public cloud provider, atom86 offers a reduced speed (250Mbps) Cloud Connect service at a reduced price.

## Direct Cloud Connect connections

atom86 can provide direct Cloud Connect connections towards the physical network of AWS at Equinix AM3 and Interxion. Interconnection with the public cloud service of Google can be delivered at Equinix AM3 and Equinix AM5.

Upon request we can offer our direct Cloud Connect service including the required inhouse fibers at the datacenters mentioned, i.e. Equinix AM3, Equinix AM5 and Interxion.

## Layer2 Cloud Connect connections

Not all public cloud providers have a physical presence in the Netherlands. Via the Equinix Cloud Exchange, atom86 can offer a layer2 Cloud Connect service towards 40+ public cloud providers like AWS, Azure, Google, Alicloud, SAP, IBM, etc. atom86 is connected to the Equinix Cloud Exchange at both Equinix AM3 and Equinix AM5.

## Virtual Router

Most public cloud providers require customers to connect using BGP with a public or private AS number, this requires BGP knowledge and the physical or virtual equipment to support it. atom86 can provide you with a virtual router as an additional service to connect your infrastructure to the public cloud provider of your choice. This virtual router service runs on a Juniper MX480 router.

## Redundancy

If required atom86 can connect your network at two different locations to two different points of interconnection with the public cloud provider including redundant virtual routers.

## Maintenance window

Our standard maintenance window for Scheduled Maintenance on the atom86 network is every working day between 00:00 hours and 02:00 hours local time. The length of the maintenance window may vary depending on the activities to be performed.

Maintenance windows will be announced 5 days in advance; stating start, end and activities to be performed plus the possible impact on our customer's connections.

Emergency Maintenance will be announced at least 15 minutes in advance, if possible, or directly afterwards explaining the emergency.