ATMAN

ATMAN Telecommunication Services in Poland

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- Who we work for?

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- ATMAN telecommunications services in Poland

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Who we are?

- ATM S.A.

- ATMAN

- AC-X

- ATMAN Data Center

- Telehouse.Poland

- Telco.Ring

- Linx Telecommunications

ATMAN

ATM S.A.

- ATM S.A. is a leader of colocation and hosting services as well as broadband data transmission, offering Internet access and other advanced telecommunications services added value under the brand of ATMAN.

- ATM S.A. was the first Polish company connected to Internet and Poland's first commercial Internet Service Provider (1993).

- ATM S.A. owns and operates the nation-wide ATMAN telecommunications network.

- ATM S.A. has 21.27% of shares in Linx Telecommunications B.V.

ATMAN

■ ATMAN is ATM's commercial brand for telecommunications services delivered to enterprises and organizations based on proprietary fiber-optic networks and data centers.

■ ATMAN is the only Polish operator present the largest telco nodes in Europe: AMS-IX in Amsterdam, DE-CIX in Frankfurt, and LINX in London.

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Who we work for?

ATM S.A. delivers its telecommunications services to:
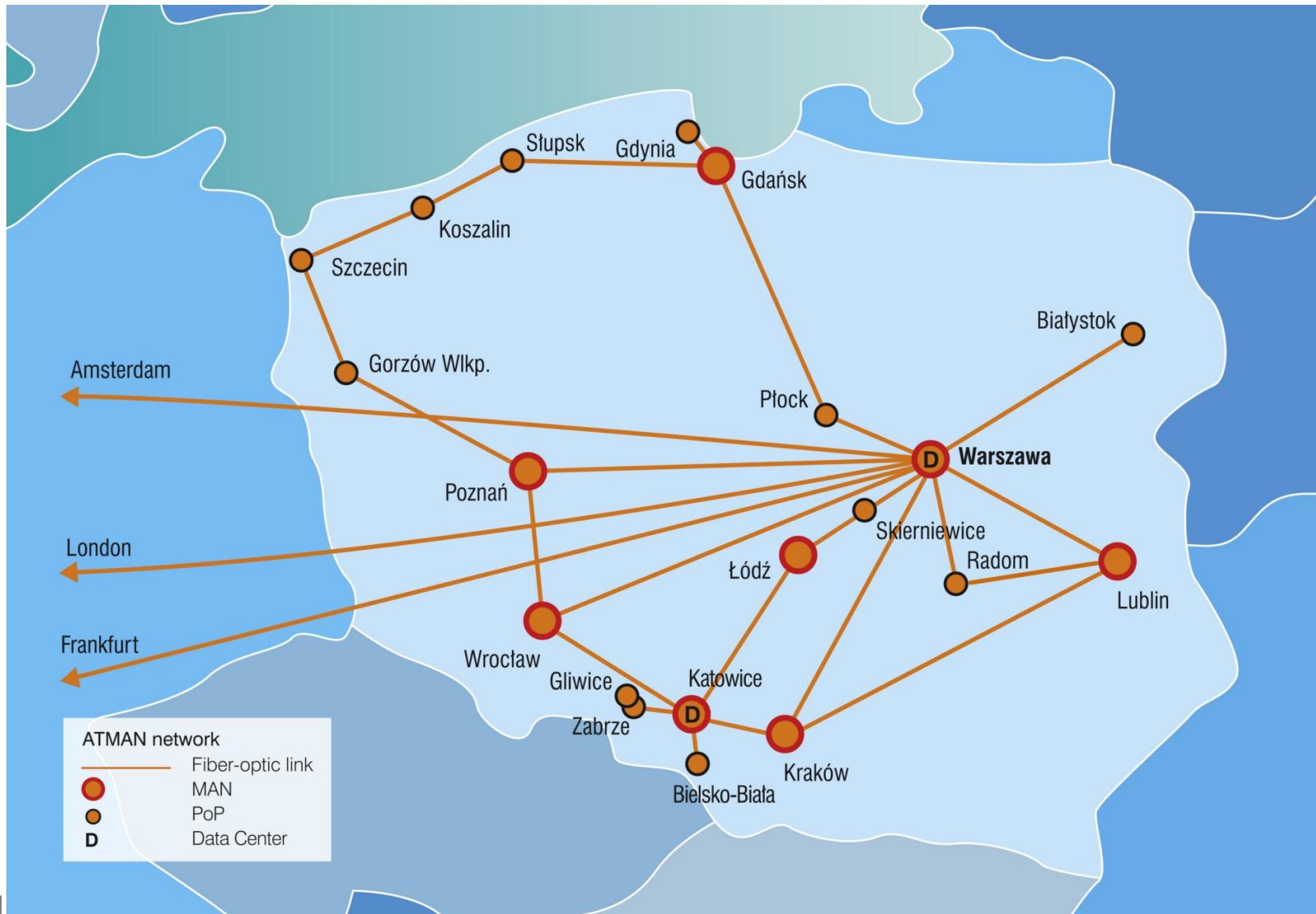
■ International operators

  ✓ Level (3),
  ✓ Tata,
  ✓ T-System,
  ✓ Interoute,
  ✓ GTS Energis,
  ✓ TeliaSonera

■ Leading domestic operators

  ✓ TP S.A,
  ✓ Netia,
  ✓ Exatel,
  ✓ CATV operators
  ✓ ISPs
  ✓ ALL mobile operators

■ The largest electronic media (including highly popular web portals and Internet communicators), television broadcasting companies, press publishers, and financial institutions (banks, insurers etc.).

ATMAN infrastructure overview

- 65,000 km optical fibers

- 4,500 km long-haul lines in Poland

- 4,400 km international lines

- 50 nodes in nation-wide data network and 3 nodes abroad

- 8 optical Metropolitan Area Networks

- 3 data centers, 8300 m^2, 34 MW total

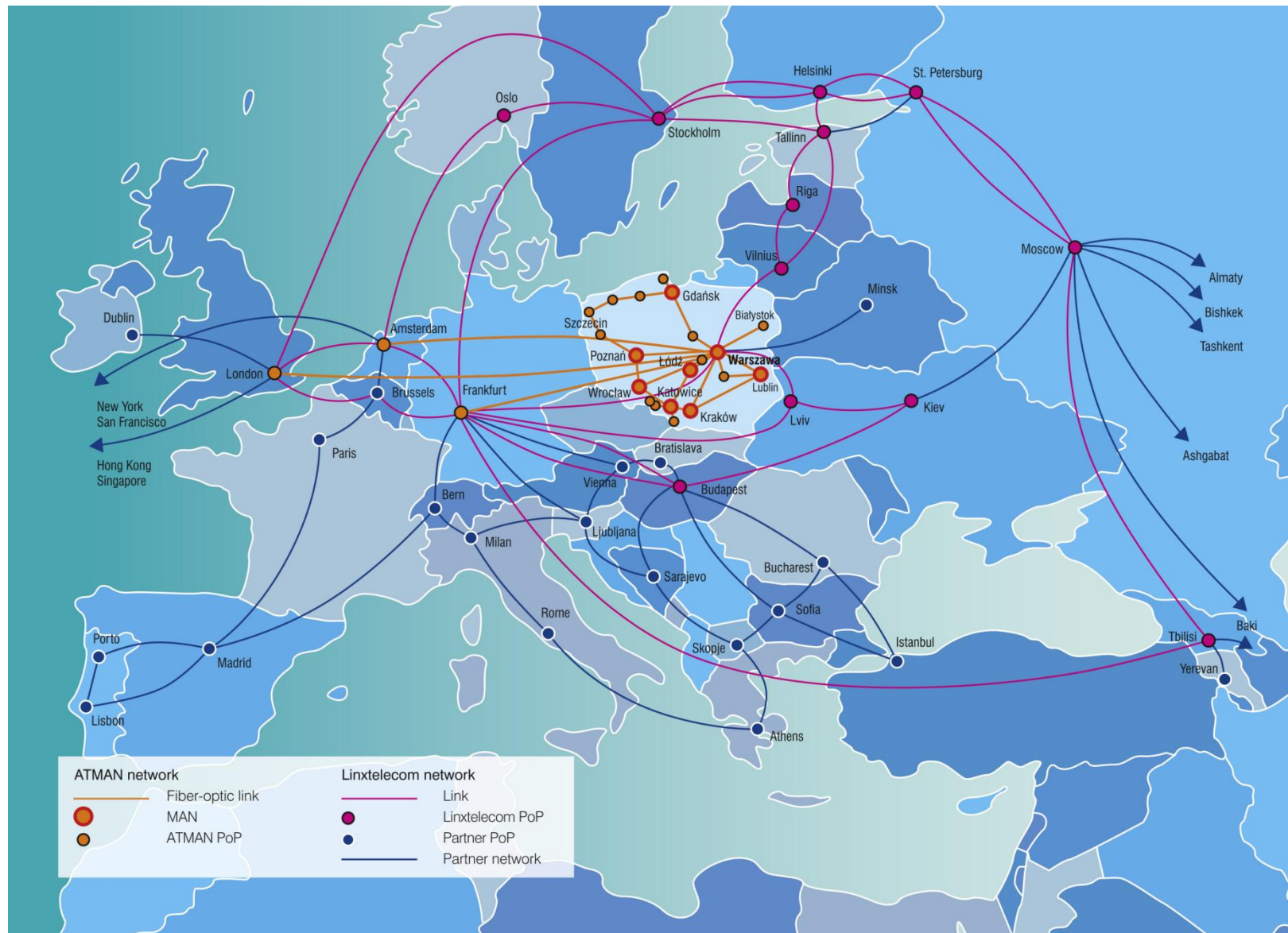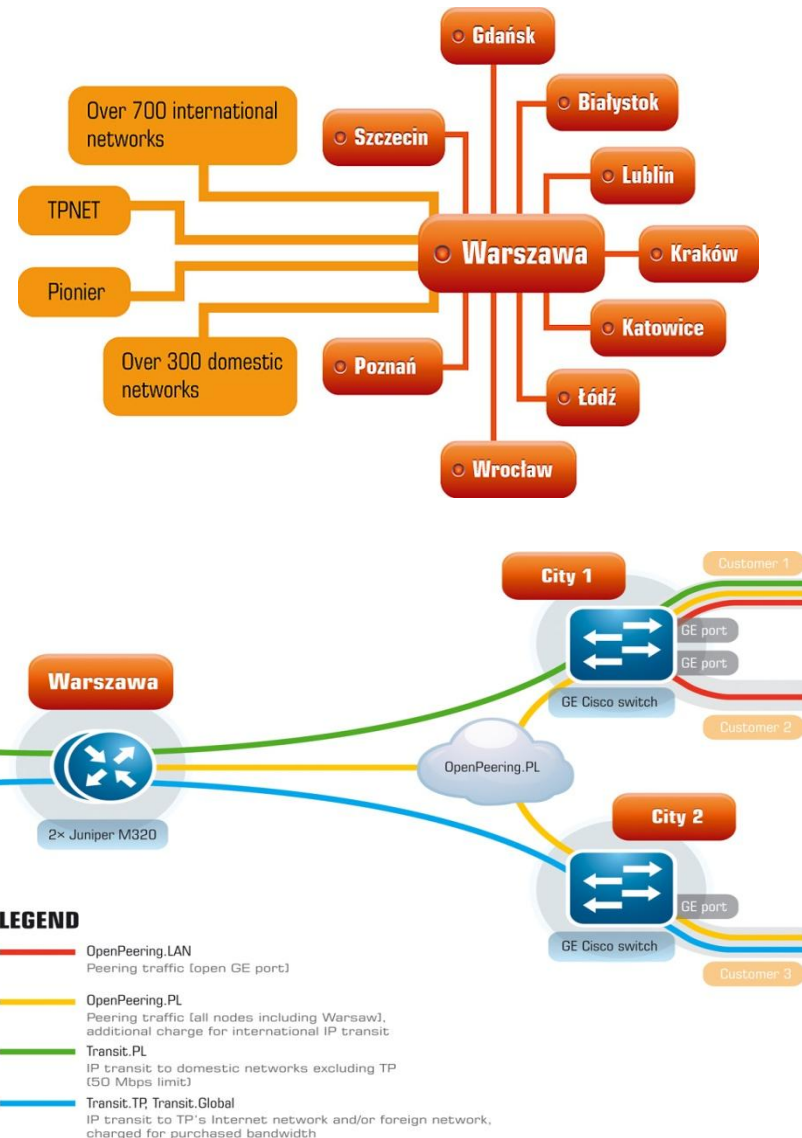- Direct interconnection with more than 1000 telcos and ISPs

ATMAN AC-X

■ ATMAN Commercial Internet Exchange (AC-X) is a network of interconnection nodes operated by ATM S.A. (with a central node in Warsaw and access nodes in 12 Polish cities).

■ It ensures the exchange of IP traffic between operators connected to specific nodes (peering) and, as an option, the IP Transit service.

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ATMAN Telcommunication Services in Poland

- Data transmission services

- Fiber lease

- Wireless local loop

- IP services

- Colocation centers

- Technical support and remote-hands services

- Disaster Recovery Data Center and Backup Office

ATMAN Telcommunication Services in Poland

■ Data transmission services

  ▣ Local (last mile), metropolitan, long-haul, international

  ▣ Ethernet, SDH, E1, MPLS (from 1 Mbps to 10 Gbps)

■ Fiber lease

  ▣ Fiber-optic lines

  ▣ DWDM channels (2.5 Gbps and 10 Gbps)

■ Wireless local loop

  ▣ Point-to-point (from 1 Mbps to 300 Mbps)

  ▣ LMDS (from 1 Mbps to 30 Mbps)

ATMAN Telcommunication Services in Poland

- **IP services**

  - ▣ peering hub: AC-X (150 Gbps traffic)

  - ▣ IP Transit   (100 Gbps traffic)

- **Presence in 3 largest european Internet Exchanges**

  - ▣ AMS-IX   2 x 10 Gb/s   (Amsterdam)

  - ▣ DE-CIX   2 x 10 Gb/s   (Frankfurt)

  - ▣ Linx   2 x 10 Gb/s   (London)

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Colocation centers

- ATMAN is not only a colocation leader but also the biggest investor in data center sector.

- Present assets + ongoing investment **8,300 m²**

- Investment plans for 2011-2015 **10, 000 m²**

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Colocation centers

- ■ Warsaw
  - ▣ ATMAN Data Center (for business customers)
    - ➢ **F3 Building – a new facility. Colocation space already on sale!**
  - ▣ Telehouse.Poland (for telcos, portals and financial institutions)
- ■ Katowice
  - ▣ Altus Data Center
- ■ Colocation services
  - ▣ shared rack space, racks, cages, suits, dedicated sever rooms
  - ▣ technical support and remote-hand services

ATMAN Data Center
(on the premises of ATM SA)

ATMAN

ATMAN Data Center with a new, state-of-the-art F3 building provides:

- ◙ A secure technical environment in 4,300 sq m (46,300 sq ft) of colocation space,

- ◙ 18 MW of total power supply and efficient cooling systems,

- ◙ Extensive communications infrastructure,

- ◙ And physical and electronic security in the facility.

In addition to colocation and dedicated servers hosting, the offer includes the service of leasing backup offices and data centers.

ATMAN Data Center

- **Present**

  - Total space **2,200 m^2 + 2, 200 m^2** since Q3 2011

  - Occupied net space **1,600 m^2**

  - Vacant net space **1,280 m^2**

- **Under construction**

  - over **10,000 m^2** in three buildings (the launch of F3 building in Q3 2011)

Telehouse.Poland

Telehouse.Poland established in 2010 is a telecommunications center of Poland dedicated to carriers and web portals.

- 3,700 sq m (39,800 sq ft) of colocation area

- 16 MW of guaranteed power supply

- Perfect technical conditions

- Long-term availability of colocation area, energy and fiber-optic lines.

Telehouse.Poland

■ **Present**

- ▣   Total space   **3,700 m^2**

- ▣   Occupied net space   **760 m^2**

- ▣   Vacant net space   **1,260 m^2**

■ **Under construction**

- ▣   **2,000 m^2** on the ground floor (at present the server rooms are on the first floor)

- ▣   Second MMR

Telehouse.Poland

■ Carrier neutral colocation providing:

  ▣ Possibility to connect to many telecommunications operators (international, domestic or local ones)

  ▣ The same terms and prices to all customers and providers

  ▣ Telco.Ring, a DWDM fiber-optic ring connecting our data center with key telecommunications nodes in Warsaw, is among the solutions that guarantee the neutrality of this service.

■ Convenient location

  ▣ The business center of Warsaw, great accessibility, dedicated parking places

  ▣ Key telecommunications nodes located nearby,

  ▣ Telco.Ring - the easiest and most eficient way of establishing connections

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Telehouse.Poland

- **Reserve of assets**

    - Telehouse.Poland is committed to ensuring future expandability to our customers. Key elements of the technical infrastructure, i.e. colocation area, power supply, air conditioning and external fiber-optic lines are designed to meet current and future needs of the rapidly growing telecommunications and Internet market.

- **Technical perfection**

    - The Telehouse.Poland data center is equipped with systems that meet various requirements resulting from the way it is used by specific customers, such as telecommunications operators, web portals or enterprise data centers. Each room may be adjusted to customer's individual needs regarding the security, power supply and cooling.

Telco.Ring

- Redundant DWDM ring, connecting Telehouse.Poland and 5 major telecommunications hubs in Warsaw. Most of major Polish carriers are present in Telco.Ring nodes.

- More than 200 local and international telcos (including all major players) available in Telco.Ring nodes

- Up to 320 Gbps node capacity

- 10 G or 2.5 G lambdas, Ethernet or SDH rings available

www.atman.pl

Telehouse.Poland

■ Secure choice

- ▣ Telehouse.Poland is a venture of ATM S.A., a Polish company operating since 1991 and listed on the Warsaw Stock Exchange since 2004. ATM S.A. has a large equity capital and a stable financial standing. It operates the countrywide ATMAN network used by the largest domestic telecommunications operators and local alternative operators, and by many operators with international scope of activity.

- ▣ ATM S.A. data centers and colocation services are covered by the Management System compliant with PN-EN ISO 9001:2009, and by the Information Security Management System compliant with ISO/IEC 27001:2005.

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Thank You

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