

European Internet Exchange Point Model

European IX Colocation Neutrality

IX customers can choose colocation facility that meets their facilities needs.

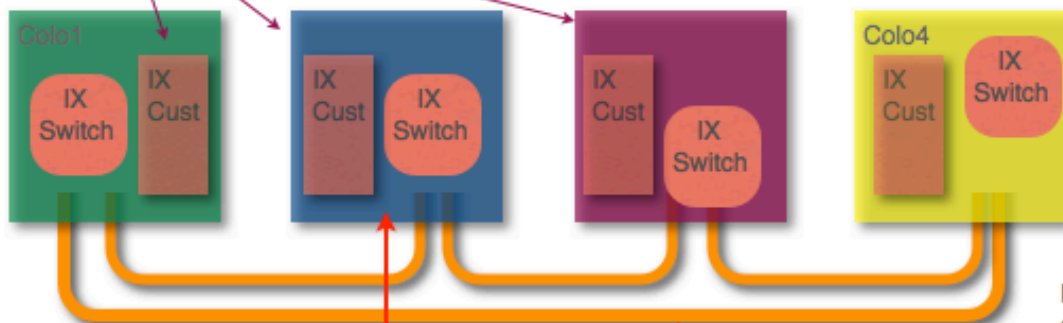
(Separate Contracts with colocation provider and IX Operator)

European IX Operated by formal **Association**, typically founded by a set of ISPs.

European IX Operator is typically a **not-for-profit organization**.

Prices approximate cost.

Everyone pays the same published fees.



European IXes spread across multiple colocation facilities interconnected with fiber

In the "classic LINX model", the **Colocation Provider may subsidize** or pay for elements of having the IX within their facilities (e.g. space, power, fiber, equipment costs, etc.)

Q: Why does colo operator pay for IX to be in building?

A: Colocation space more valuable with IX access there.

See "[Value of an Internet Exchange](#)" article for discussion of IX value.

Massive amounts of public peering traffic (the largest have several 100s of Gbps of publicly peered traffic)

Traffic stats are **public** at [Euro-IX](#)

IXes across Europe tend to **cooperate** more with each other, and share info. [Euro-IX](#) facilitates this. (Competition creeping in now for largest/best European IX.)

Physical cross connects relatively inexpensive (maybe \$1000 non-recurring install fee) within building.

In some cases, ISPs can run their own wires depending on Colocation Operator rules