Internet Services

Q. What are the differences between the Mansion type and Family type fiber optic services provided by NTT?

A. NTT East and NTT West can, in most cases, provide either a Mansion or Family type fiber optic service to your home. The type of service they provide depends on the location and the differences are as follows;

Mansion type fiber optic service (NTT East and NTT West)

The Mansion type fiber optic services are provided to apartment buildings where the apartment/building owner has agreed to let NTT provide fiber optic services there. NTT will provide a 100/200Mbps or 1Gbps (NTT West only) line to the building itself which is then shared between apartments in the building via a local conduit. The more apartments there are in the building, the lower the cost of the service as it is shared between more users. There are currently 3 different Mansion plans that NTT will provide;

Mini - Available when 4 or more users from a building are expected to sign-up
Plan 1 - Available when 8 or more users from a building are expected to sign-up
Plan 2 - Available when 16 or more users from a building are expected to sign-up

There are also 3 possible ways that NTT will distribute the service in the apartment building. The type of wiring system used depends on the building architecture and the 3 different types are as follows;

Optical Wiring System - System that uses an optical fiber to connect to each residence
VDSL System - A system that uses existing phone lines to connect to each residence
LAN Wiring System - A system that uses existing LAN wiring within a building

Family type fiber optic service (NTT East and NTT West)

The Family type fiber optic service is provided when the Mansion type service is not available* or when you are living in a house and not an apartment.

*For example, you are living in a apartment building with 4 or less units, no network infrastructure for the Mansion service, etc.

The Family type service is similar to the Mansion type service in that a 100/200Mbps line is provided to a local conduit and up to 4 houses or other domiciles are connected to this conduit. As a result of this, the line is shared between less people and tends to provide more bandwidth when compared to the Mansion type service. However, this is reflected in the increased cost from NTT for the service.

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