

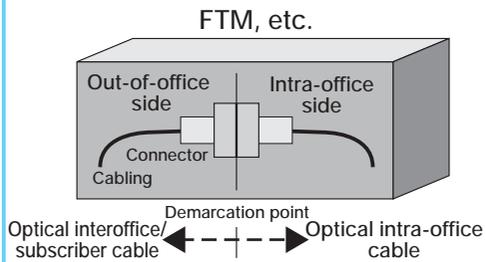
Chapter 2



Optical Fiber

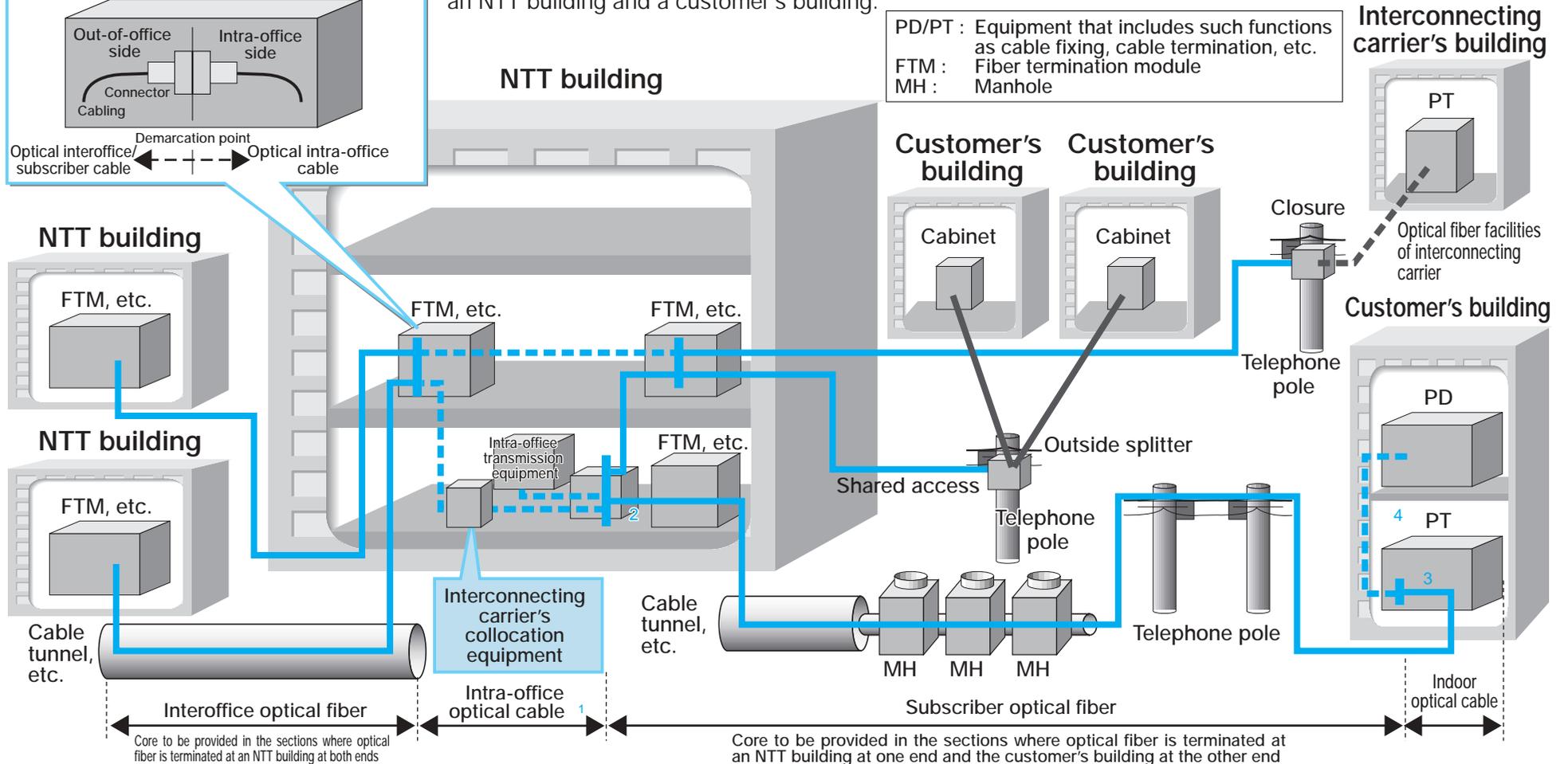
Configuration of Optical Fiber Facilities (Also shown on Page 34, Volume 1: Common Interconnection Procedures)

Overview of demarcation point



In response to requests from interconnecting carriers, NTT East has been providing optical fiber interconnection in both of the following formats since December 26, 2000: "optical interoffice lines," which cover the sections between NTT buildings; and "optical subscriber lines," which serve the sections between an NTT building and a customer's building.

PD/PT : Equipment that includes such functions as cable fixing, cable termination, etc.
 FTM : Fiber termination module
 MH : Manhole



- 1 In other than NTT buildings, there are cases in which we use cable installed by the building owner at the instructions of the building owner. The conditions under which service is provided in such cases depend on the building owner.
- 2 This connection format is applied in the case of a building in which intermediate distribution frames are installed
- 3 With respect to the indoor optical cable section, permission from the building superintendent for our staff to enter the building is required through the end user who is a tenant of this building, interconnecting carrier, etc., in principle. In this case, we ask the interconnecting carrier requesting the survey application to deal with the end user, etc., and obtain appropriate permission from the building superintendent.
- 4 This cable is provided if an NTT indoor optical cable has already been installed and there is unused cable that can be provided.

System for Accepting Optical Fiber Interconnection Applications

Among the procedures concerning optical fiber interconnection applications by optical fiber interconnecting carriers, the "System for Accepting Optical Fiber Interconnection Applications" targets the sending and receiving of data concerning the following application process as greater efficiency can be expected in this process through systemization.

Line Facility Survey Application* Optical Line Facility Interconnection Application Circuit Abolition Application

System Overview

Optical fiber interconnecting carrier



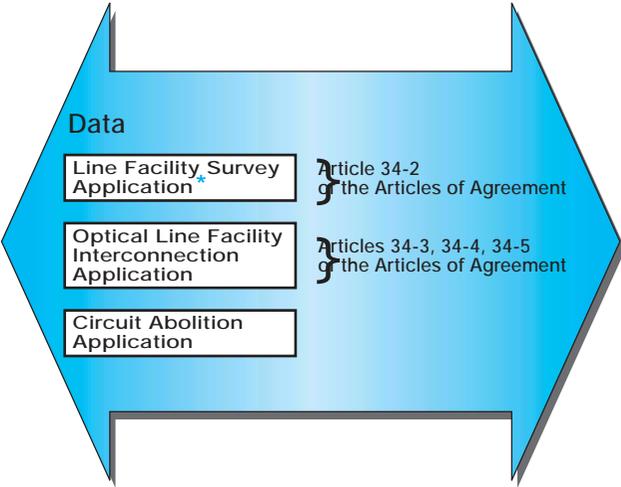
Electronic data

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Application



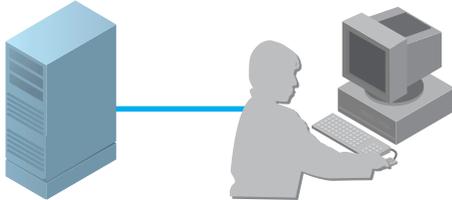
Paper-based application (mail)



We may ask you to submit written documentation with your application in some cases.

NTT East

System for Accepting Optical Fiber Interconnection Applications

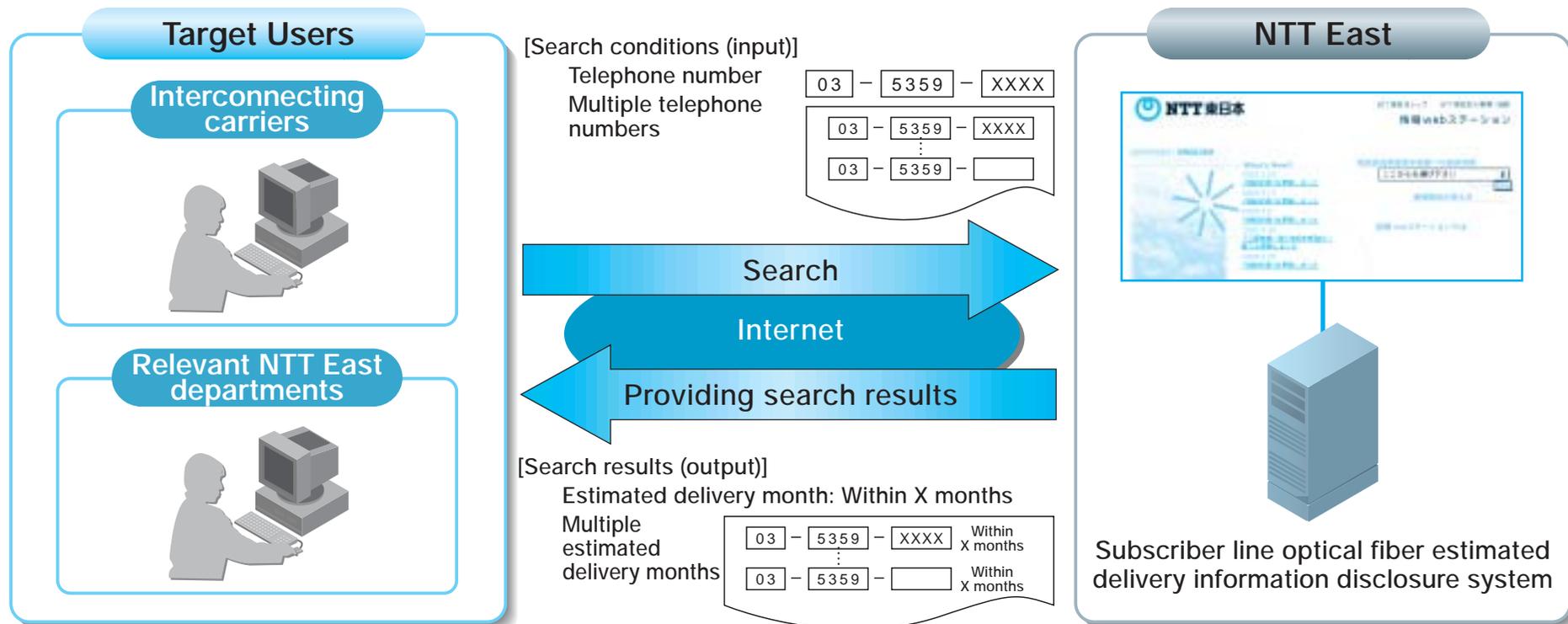


Acceptance of documentation and reply

* This application is required only in case of using interoffice optical fiber lines.

Disclosure of Estimated Delivery Information for Subscriber Optical Fiber

We will disclose on the Web the estimated delivery information for subscriber optical fiber on the basis of the existing telephone numbers at sites where optical fiber installation is requested. ¹ The usage fee is required for this information disclosure per successful retrieval per telephone number. ²



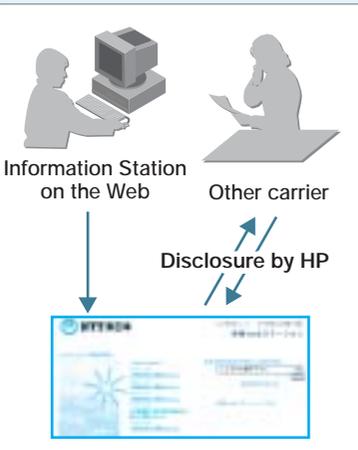
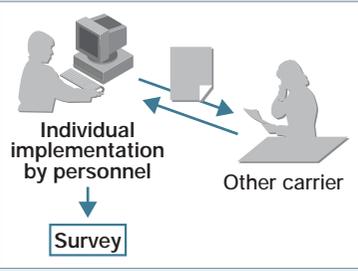
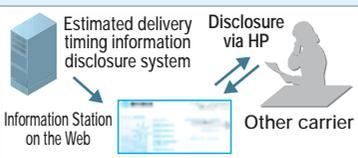
Search conditions: Input of a telephone number. (With respect to searches by address information, individual requests are accepted on a preliminary inquiry basis, and manual searches are conducted to provide a response).
 Search coverage: While estimated delivery information is disclosed with respect to Area A of "areas where subscriber optical fiber cable can be provided," information on areas where such cable cannot be promised might be included due to data setup arrangements. In conducting searches, please make sure to confirm that the searching area is an area where such cable can be provided.
 Estimated delivery information: Delivery information is disclosed on an approximate monthly-unit basis "per telephone number" as determined from the optical fiber installation status, etc., at NTT East.

Explanation

¹ Viewing information requires a Confidentiality Obligation Contract or an Interconnection Agreement with NTT East (registration of ID, password, etc., is necessary).
² Please see "(15)c, 2.2.2.1 (Expenses for Procedures), Table 2 (Expenses for Works and Procedures) in the Tables of Charges, Articles of Agreement" for usage fees.

Information Disclosure Concerning Optical Fiber

Please confirm the newest information via homepage. (<http://www.ntt-east.co.jp/info-st/mutial/hikari/index.html>.)

Classification	Disclosure Item	Contents, Etc.	Disclosure Methods
General information necessary for business development	Information on interface optical fiber	Section where facilities can be provided	 <p>Information Station on the Web Other carrier</p> <p>Disclosure by HP</p> <p>http://www.ntt-east.co.jp/info-st/mutial/hikari/index.html</p>
		Optical fiber type	
		Connector type	
		Approximate optical fiber length	
		Total number of cores	
		Status of unused cores	
		Optical cable plan	
	Information on subscriber optical fiber	Areas where facilities can be provided	
		Optical fiber type	
		Connector type	
		Optical cable installation plan	
		Accommodation building information	
		Information on buildings where FTMs are installed	
		General information necessary for facility installation	
Status of optical main distribution facilities	Location of optical main distribution frame (drawings), total number of terminals, number of unused terminals		
Details of collocation site	Number of racks available		
Facility environment	Available air-conditioning capacity; available power supply and UPS capacity; availability of raised floors at collocation site		
Detailed information necessary for each circuit	Age of optical fiber	Surveys installation date for relevant optical fiber	
	Transmission loss	Surveys transmission loss data for relevant optical fiber	
	Estimated delivery time for subscriber optical fiber	Estimated delivery information "per telephone number" as determined from the optical fiber installation status, etc.	
			 <p>Individual implementation by personnel Other carrier</p> <p>Survey</p>
			 <p>Information Station on the Web Other carrier</p> <p>Disclosure via HP</p>