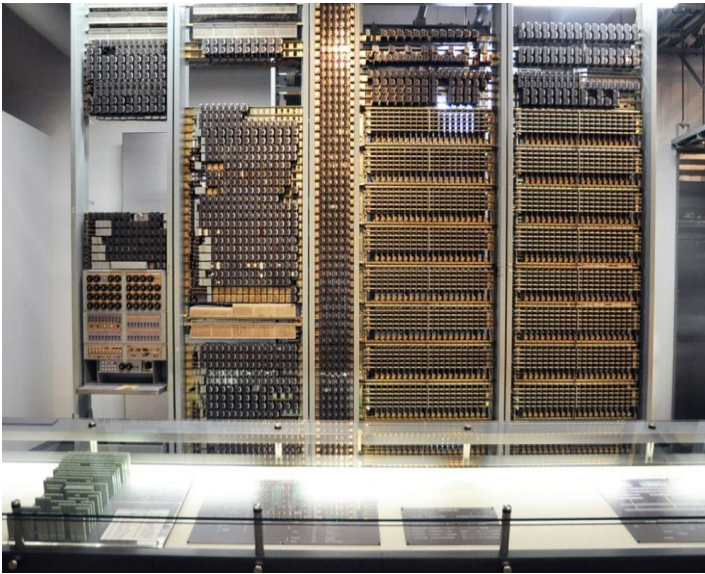


## High Functioning Crossbar Switching System Eliminating Telephone Subscription Backlogs

|                   |                    |                       |            |
|-------------------|--------------------|-----------------------|------------|
| Registration No.  | Number 00232       |                       |            |
| Registration Date | September 12, 2017 | Registration Category | Category 1 |

|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name<br>(Model, etc.)     | C400 Switching System                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Location                  | Musashino, Tokyo                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|                           | NTT History Center of Technologies                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Owner<br>(Custodian)      | NTT Information Network Laboratory Group                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Manufacturer<br>(Company) | NEC, HITACHI, FUJITSU, OKI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Year Manufactured         | 1965                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Year first appeared       | 1966 (The First Year of Service)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Reason For Selection      | The C400 crossbar switching system was developed to function as a standard crossbar switching system, in order to meet needs for ever greater performance with respect to Japan forging ahead in establishing a nationwide telephone network in conjunction with the nation's economic growth and expansion. Because the C400 operates and functions as a toll switch system in that it has outbound call functionality in addition to acting as a switching system for telephone subscribers, it enabled Japan to develop its first telephone networks capable of automatically connecting callers nationwide. Use of this switching system was extended nationwide, which contributed to eliminating subscription backlogs over the span of many years. Manufacturers were able to export the C400 switching system to other countries given its competitive strengths on an international scale in terms of its high performance and economic feasibility. The C400 crossbar switching system is historically significant in that it played a profound role in improving people's lives and creating new types of lifestyles. |
| Registration Standard     | 2-A (Played a notable role in improving people's way of life and creating new ways of living. )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

|                          |                                                                                      |
|--------------------------|--------------------------------------------------------------------------------------|
| Open/Closed to Public    | Open to Public                                                                       |
| Photo                    |  |
| Other useful information |                                                                                      |