

1. A data providing system comprising a service infrastructure provider device, which receives data from a plurality of data providing agent device sides, and which provides the data to a plurality of data receiving agent device sides,

wherein the service infrastructure provider device comprises a data receiving means which receives the data from the data providing agent device,

a storage means which includes an OLAP cube constructing a data warehouse by aggregating all the data received by the data receiving means, and a master storage unit which stores a disclosure master including a disclosure status which sets a disclosure enable/disable of the data to the data receiving agent device;

a data transmitting means which transmits an OLAP cube data of the storage means to the data receiving agent device; and

a data disclosure control means which controls the disclosure status of the disclosure master sets and controls the disclosure enable/disable of the disclosure of the data of the OLAP cube data to the data receiving agent device,

wherein the master storage unit of the storage means stores a disclosure store number master, a disclosure business category master, a disclosure region master, a disclosure enable/disable condition master, a store master, a disclosure master (detailed information), and a disclosure master (statistical information),

the data disclosure control means comprises a disclosure status setting unit which sets and controls the disclosure status of the disclosure master, a data search unit which searches the OLAP cube data, and a list creating unit which creates an agent ID list which specifies a disclosure source data providing agent (store and the like) and a disclosure destination data receiving agent (store and the like) of the data, and which specifies a disclosure-enabled data receiving agent, and

when the OLAP cube data is updated, the disclosure status setting the disclosure-enabled data is automatically reconfigured based on the agent ID list, and even in a case where a disclosure of a detailed data is disabled at a time of setting the disclosure status, the disclosure of the data is enabled in a case where the data is statistically processed thereafter.

2. The data providing system according to claim 1,
wherein the service infrastructure provider device further
comprises a means which searches the OLAP cube data, and which
automatically reconfigures a disclosure-enabled data based on the
disclosure status when the data is updated.

~~3. The data providing system according to claim 1,
—— wherein the master storage unit of the storage means stores
a disclosure store number master, a disclosure business category
master, a disclosure region master, a disclosure enable/disable
condition master, a store master, a disclosure master (detailed
information), and a disclosure master (statistical information),
—— the data disclosure control means comprises a disclosure
status setting unit which sets and controls the disclosure status
of the disclosure master, a data search unit which searches the
OLAP cube data, and a list creating unit which creates an agent
ID list which specifies a disclosure source data providing agent
(store and the like) and a disclosure destination data receiving
agent (store and the like) of the data, and which specifies a
disclosure-enabled data receiving agent, and
—— when the OLAP cube data is updated, the disclosure status
setting the disclosure-enabled data is automatically reconfigured
based on the agent ID list, and even in a case where a disclosure of
a detailed data is disabled at a time of setting the disclosure
status, the disclosure of the data is enabled in a case where the
data is statistically processed thereafter.~~

3 4. A disclosure status setting method in a data providing system,

the data providing system comprising a service infrastructure
provider device, a plurality of data providing agent devices, and
a plurality of data receiving agent devices;

wherein the service infrastructure provider device comprises
a data receiving means which receives the data from the data
providing agent device;

a storage means which includes an OLAP cube constructing a

data warehouse by aggregating all the data received by the data receiving means, and a master storage unit which stores a disclosure master including a disclosure status which sets a disclosure data of the data to the data receiving agent device;

a data transmitting means which transmits an OLAP cube data of the storage means to the data receiving agent device; and

a data disclosure control means which controls the disclosure status of the disclosure master sets and controls a disclosure enable/disable of the disclosure of the data of the OLAP cube data to the data receiving agent device;

the master storage unit of the storage means stores a disclosure store number master, a disclosure business category master, a disclosure region master, a disclosure enable/disable condition master, a store master, a disclosure master (detailed information), and a disclosure master (statistical information); and

the data disclosure control means comprises a disclosure status setting unit which sets and controls the disclosure status of the disclosure master, a data search unit which searches the OLAP cube data, and a list creating unit which creates a store ID list which specifies a store as a disclosure source data providing agent and a store as a disclosure destination data receiving agent of the data, and which specifies a store of a disclosure-enabled data receiving agent; and

when the OLAP cube data is updated, the disclosure status setting the disclosure-enabled data is automatically reconfigured based on the store ID list, and even in a case where a disclosure of a detailed data is disabled at a time of setting the disclosure status, the disclosure of the data is enabled in a case where the data is statistically processed thereafter;

wherein the data disclosure control means obtains a store ID from the store master, represents a disclosure source store ID and a disclosure destination store ID with the store ID,

obtains a disclosure business category ID from the disclosure business category master,

obtains a disclosure region ID from the disclosure region

master,

obtains a disclosure store number ID from the disclosure store number master, and

sets a non-disclosure (0) or a disclosure (1) with respect to all combinations of the store IDs and the disclosure store number IDs, by referring to the disclosure enable/disable condition master.

4 5- A disclosure status setting method in a data providing system, the data providing system comprising a service infrastructure provider device, a plurality of data providing agent devices, and a plurality of data receiving agent devices;

wherein the service infrastructure provider device comprises a data receiving means which receives the data from the data providing agent device;

a storage means which includes an OLAP cube constructing a data warehouse by aggregating all the data received by the data receiving means, and a master storage unit which stores a disclosure master including a disclosure status which sets a disclosure enable/disable of the data to the data receiving agent device;

a data transmitting means which transmits an OLAP cube data of the storage means to the data receiving agent device; and

a data disclosure control means which controls the disclosure status of the disclosure master sets and controls the disclosure enable/disable of the disclosure of the data of the OLAP cube data to the data receiving agent device;

the master storage unit of the storage means stores a disclosure store number master, a disclosure business category master, a disclosure region master, a disclosure enable/disable condition master, a store master, a disclosure master (detailed information), and a disclosure master (statistical information); and

the data disclosure control means comprises a disclosure status setting unit which sets and controls the disclosure status of the disclosure master, a data search unit which searches the OLAP cube data, and a list creating unit which creates a store ID list which specifies a store as a disclosure source data providing

agent and a store as a disclosure destination data receiving agent of the data, and which specifies a store of a disclosure-enabled data receiving agent; and

when the OLAP cube data is updated, the disclosure status setting the disclosure-enabled data is automatically reconfigured based on the store ID list, and even in a case where a disclosure of a detailed data is disabled at a time of setting the disclosure status, the disclosure of the data is enabled in a case where the data is statistically processed thereafter;

wherein the data disclosure control means

obtains a store ID from the store master,

obtains a disclosure store number ID from the disclosure store number master, and

sets a non-disclosure (0) or a disclosure (1) with respect to all combinations of the store IDs and the disclosure store number IDs, by referring to the disclosure enable/disable condition master.