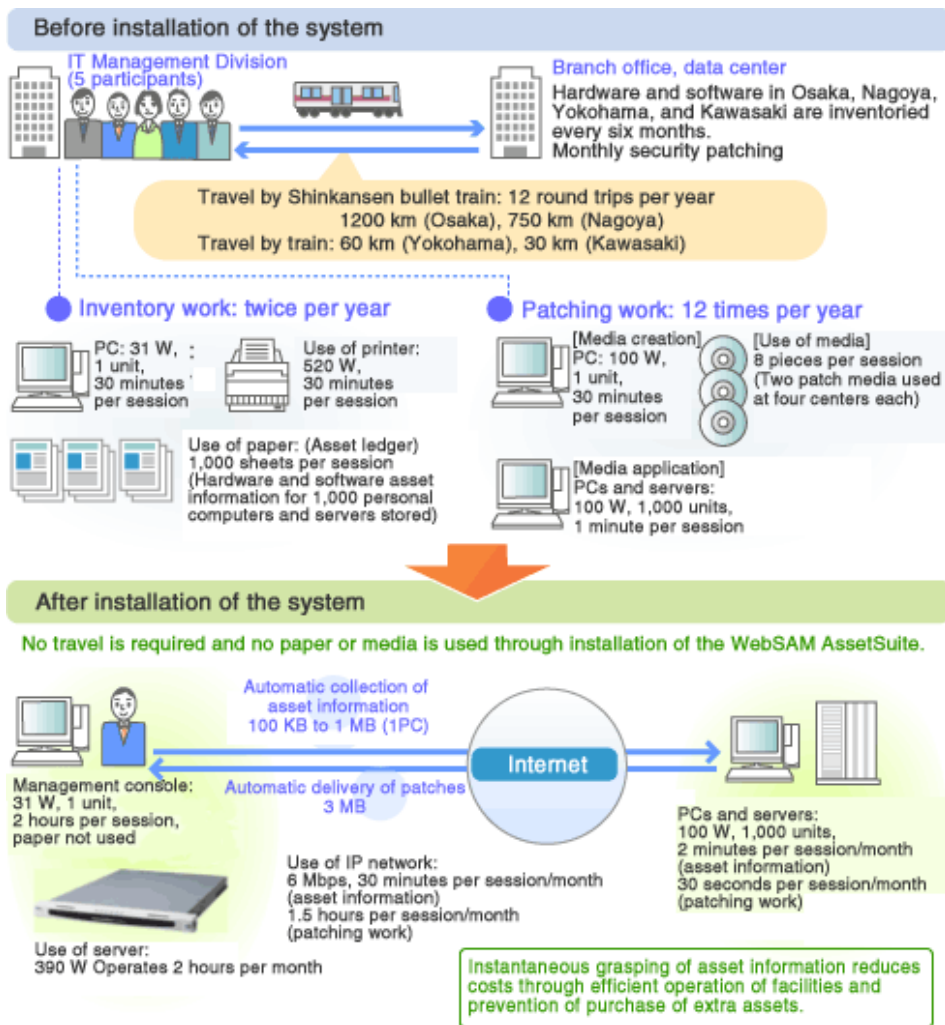# WebSAM AssetSuite Environmental Impact Evaluation Model

▌ WebSAM AssetSuite 3.1 Environmental Impact Evaluation Model

All asset information including servers on networks and other IT equipment such as PCs, software, furniture, and fixtures is efficiently and integratedly managed.

Before installation of the system

IT Management Division (5 participants)

Branch office, data center
Hardware and software in Osaka, Nagoya, Yokohama, and Kawasaki are inventoried every six months.
Monthly security patching

Travel by Shinkansen bullet train: 12 round trips per year
1200 km (Osaka), 750 km (Nagoya)
Travel by train: 60 km (Yokohama), 30 km (Kawasaki)

● Inventory work: twice per year

PC: 31 W,
1 unit,
30 minutes
per session

Use of printer:
520 W,
30 minutes
per session

Use of paper: (Asset ledger)
1,000 sheets per session
(Hardware and software asset information for 1,000 personal computers and servers stored)

● Patching work: 12 times per year

[Media creation]
PC: 100 W,
1 unit,
30 minutes
per session

[Use of media]
8 pieces per session
(Two patch media used at four centers each)

[Media application]
PCs and servers:
100 W, 1,000 units,
1 minute per session

After installation of the system

No travel is required and no paper or media is used through installation of the WebSAM AssetSuite.

Automatic collection of asset information
100 KB to 1 MB (1PC)

Internet

Automatic delivery of patches
3 MB

Management console:
31 W, 1 unit,
2 hours per session,
paper not used

Use of IP network:
6 Mbps, 30 minutes per session/month (asset information)
1.5 hours per session/month (patching work)

PCs and servers:
100 W, 1,000 units,
2 minutes per session/month (asset information)
30 seconds per session/month (patching work)

Use of server:
390 W Operates 2 hours per month

Instantaneous grasping of asset information reduces costs through efficient operation of facilities and prevention of purchase of extra assets.

▌ WebSAM AssetSuite 3.1 Environmental Impact Evaluation Results Graph

Legend:
- Use of network
- Use of material
- Physical transfer
- Use of paper
- Use of equipment

Amount of CO_2 emissions (%)

Reduction by 88.5%

Conventional system — New system

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