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WHITEPAPER

**Integrating Oracle's PeopleSoft Enterprise
Financial & Supply Chain Management 8.9
with CenterStone Space Management**

CenterStone

1. Overview

Oracle's PeopleSoft 8.9 Enterprise Financial & Supply Chain Management (FSCM) integrates with Manhattan Software's CenterStone Space Management solution. CenterStone automates workplace business processes such as space planning, corporate moves, employee on-boarding and allocations and chargebacks.

Here are some of the business processes supported by the CenterStone solution:

- Maintain floor plans and import CAD drawings into CenterStone
- Design and maintain layout space in CenterStone
- Assign resources or employees to spaces
- Manage occupancy and vacancy rates
- Analyze portfolio utilization and capacity
- Forecast capacity needs
- Manage, maintain, plan and report on space, personnel and assets to enable cost allocations and chargebacks to business units and strategic planning activities
- Automate Move/Add/Change processes
- Create scenario plans and execute relocations, retrofits, space planning, corporate reorganizations, business unit restructuring and employee moves
- Provision space when on-boarding or moving employees
- Access industry standard reports covering such topics as business unit allocation, lease portfolio, BOMA, assets, and work orders
- Report employees' change of location, location assignments for new employees and available space left by employees no longer in service
- Update Asset Repository tables with property asset information and changes to spaces, and attaching asset information assigned to properties
- Receive updates with space allocation data (per department and business unit) in order to charge the departments proportionally for the space they occupy

Integration of Oracle's PeopleSoft Enterprise FSCM 8.9 with CenterStone, as outlined in this white paper, improves space utilization by building out floors based on blueprints and employee assignments and allowing space and cost allocations to be based on actual use. Organizations require this integration to accurately manage space for their own use, with the centralized asset repository and employee information.

Employee space assignments managed in the Space Management solution are updated automatically in the asset repository to reduce administrative costs and provide accurate measurements of space utilized. This information is then integrated within the General Ledger application as the basis for cost allocations.

Manhattan Software is a 3rd party vendor. This is an optional integration. Customers choosing this integration are required to purchase licenses directly from Manhattan.

2. Importance of the CenterStone - PeopleSoft Enterprise FSCM 8.9 Integration

Real Estate costs are the second largest expense line in most organizations. Executives faced with the task of making multi-million dollar corporate leasing decisions require precise, real-time information, not just reams of data. The ability to access and harness the right information at the right time empowers corporate real estate professionals and executives to make confident, well-informed business decisions. The difference between a good decision and a bad decision can have an enormous financial impact on an organization and will ultimately be reflected in shareholder value. Simple, accurate and readily accessible information can make a big difference in helping organizations to:

- Avoid costly excess space commitments
- Reveal missed opportunities for cost savings through renewals
- Confidently expand or sublease at favorable terms
- Here is a list of questions to consider in order to help determine how your organization can benefit from the integration of space data (from CenterStone) to PeopleSoft Enterprise FSCM 8.9:
- As leases come up for renewal, do you know if markets have changed in ways that require consolidation or expansion of existing buildings and floors?
- If you have planned growth requirements through merger and acquisition activities, can these needs be adequately defined without the integration of space and lease data?
- What is the impact of delayed subleases – positive or negative?
- Is there a need to consolidate fragmented space in your building?
- What is the average utilization of your leased area(s)?
- How well do you understand your space efficiency, cost allocations, vacancy and occupancy data?
- Does your organization need to accurately calculate cost allocations and chargebacks?
- How do you compute and understand the charge rates for buildings, floors, units/zones and spaces?
- How do you present an accurate, real-time picture of the allocation of lease expenses among multiple business units or groups within an organization?
- Do you need to automatically update space data and costs when leases change or are renewed?
- Do you want to automate Move/Add/Change processes to reduce the time, effort and cost of executing these activities?
- Do you need to measure and report on multiple levels the efficiency of spaces, utilization of buildings and efficiency of common areas, or to compare ongoing efficiencies with industry or local standards?
- Do you need to determine the financial impact of space layout changes with respect to lease costs?
- Do you need to measure your own utilization and efficiencies against known corporate or industry KPIs?
- Do you need to conduct any type of scenario planning on space needs, personnel shifts or strategic changes?

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Through the Oracle Partner Network Applications Integration Initiative, partners with validated integrations are able to provide customers with standards based vanilla product integrations, tested and validated by Oracle. Customers benefit from improved risk management and smoother upgrade capability, leading to a lower total cost of ownership and greater overall satisfaction.

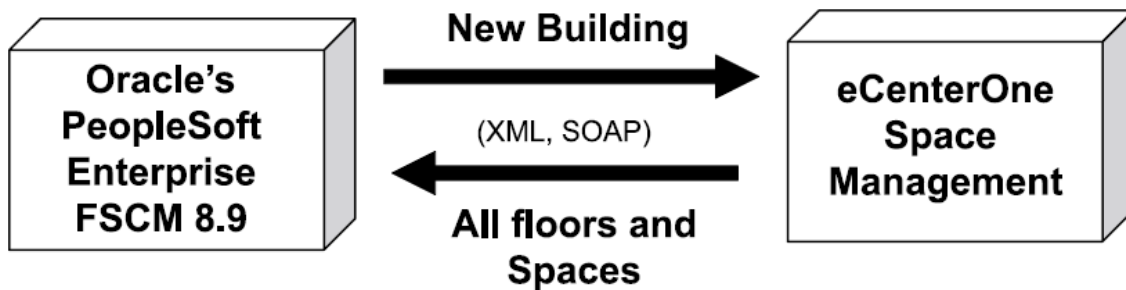
By benchmarking and optimizing portfolio utilization through this critical integration, organizations can enhance workplace collaboration, strengthen executive decision making and save millions of dollars in occupancy costs every year.

The integration of Manhattan Software's CenterStone and Oracle's PeopleSoft Enterprise FSCM 8.9 is bi-directional and provides critical linkages between both applications - sharing lease data from PeopleSoft Enterprise FSCM 8.9 into the space realm within CenterStone and, conversely, space data from CenterStone within the Lease realm of PeopleSoft Enterprise FSCM 8.9. Examples of asset and lease data include property lists, lease costs, square footages, addresses, type of spaces and status. Space data includes, but is not limited to, head count, allocations, space information, space status and charge rates.

3. SOA Technical Integration

Integration between PeopleSoft Enterprise FSCM 8.9 and CenterStone is facilitated through a Service Oriented Architecture (SOA). To enable the integration, an CenterStone Target Connector is installed into the PeopleSoft 8.9 Integration Broker on the server. The Connector is, in essence, a server-side plug-in that facilitates the messaging between PeopleSoft Enterprise FSCM 8.9 and CenterStone. Message data is stored as XML and uses SOAP to facilitate the message routing. The integration supports both asynchronous and synchronous messaging.

3.1 Example of Data Transfer



Here are some examples of messages publishing data from PeopleSoft Enterprise FSCM 8.9 to CenterStone:

- Department Tree Updates
- Employee Record Updates
- Asset Information for buildings

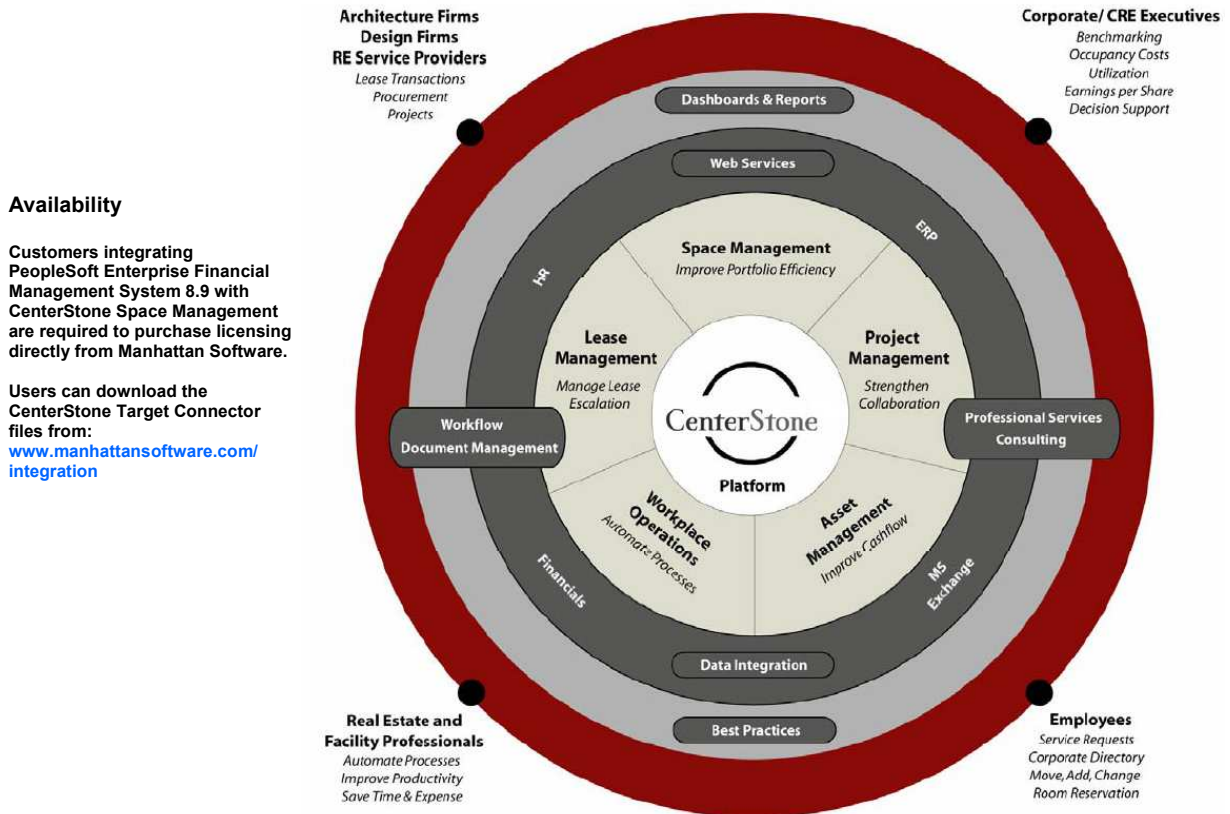
Examples of messages requesting data from CenterStone to PeopleSoft Enterprise FSCM 8.9 include Sub Asset information (floors, spaces, areas, etc.), Employee Location Information and other data. As an example, the association between an employee and his or her space made in CenterStone can be viewed in PeopleSoft via the integration of the two systems.

4. About Oracle's PeopleSoft Enterprise FSCM 8.9

Oracle's PeopleSoft Enterprise 8.9 Real Estate Management is a fully integrated solution for the management of properties. Real Estate Management integrates with Oracle's PeopleSoft Enterprise FSCM 8.9 to ensure that leases are managed according to the terms of the agreements, cost and space utilization are captured for performance management, and divisions comply with companywide financial processes and controls. Real Estate Management also leverages Oracle's PeopleSoft Enterprise Human Capital Management for employee and organizational information used in space management.

5. About CenterStone's CenterStone Solution

Manhattan Software's CenterStone solution helps some of the world's largest organizations automate, manage, analyze and act on information on space, people, leases, assets and workplace business processes. CenterStone delivers measurable value by helping clients save millions of dollars in annual occupancy costs, improve utilization and strengthen workplace collaboration and executive decision-making.



6. In Summary

Without the integration of space and lease information, organizations suffer from limited understanding and context to make critical business and real estate decisions. Vacancy and occupancy details are essential in the decision-making process. By integrating space information in Manhattan Software's CenterStone solution with leasing information from Oracle's PeopleSoft Enterprise FSCM 8.9, organizations can realize significant improvements in space efficiency metrics. Corporate decision makers can then harness the power of this information through CenterStone by analyzing, tracking and measuring their organization's key performance indicators (KPIs). Without the integration of this cross-functional information, organizations are unable to gain visibility into the "whole picture" of their real estate portfolio and make the most informed decisions.

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