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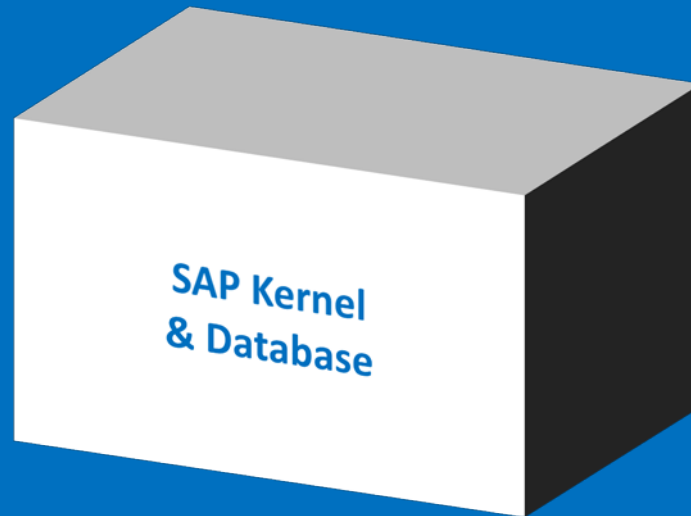
This document explores the structure of SAP in a bit more detail to give you a sense of how most of the pieces of SAP at the City fit together and operate with one another.

We'll stay away as much as possible from technical detail to give you a high-level overview of the modules and systems that make up the City's deployment of SAP.

Conceptual Overview

SAP can be thought of as a central database which multiple modules (or programs) connect to. Those programs not only connect to the database but also each other. The SAP Kernel and Database are central to the operation of SAP.

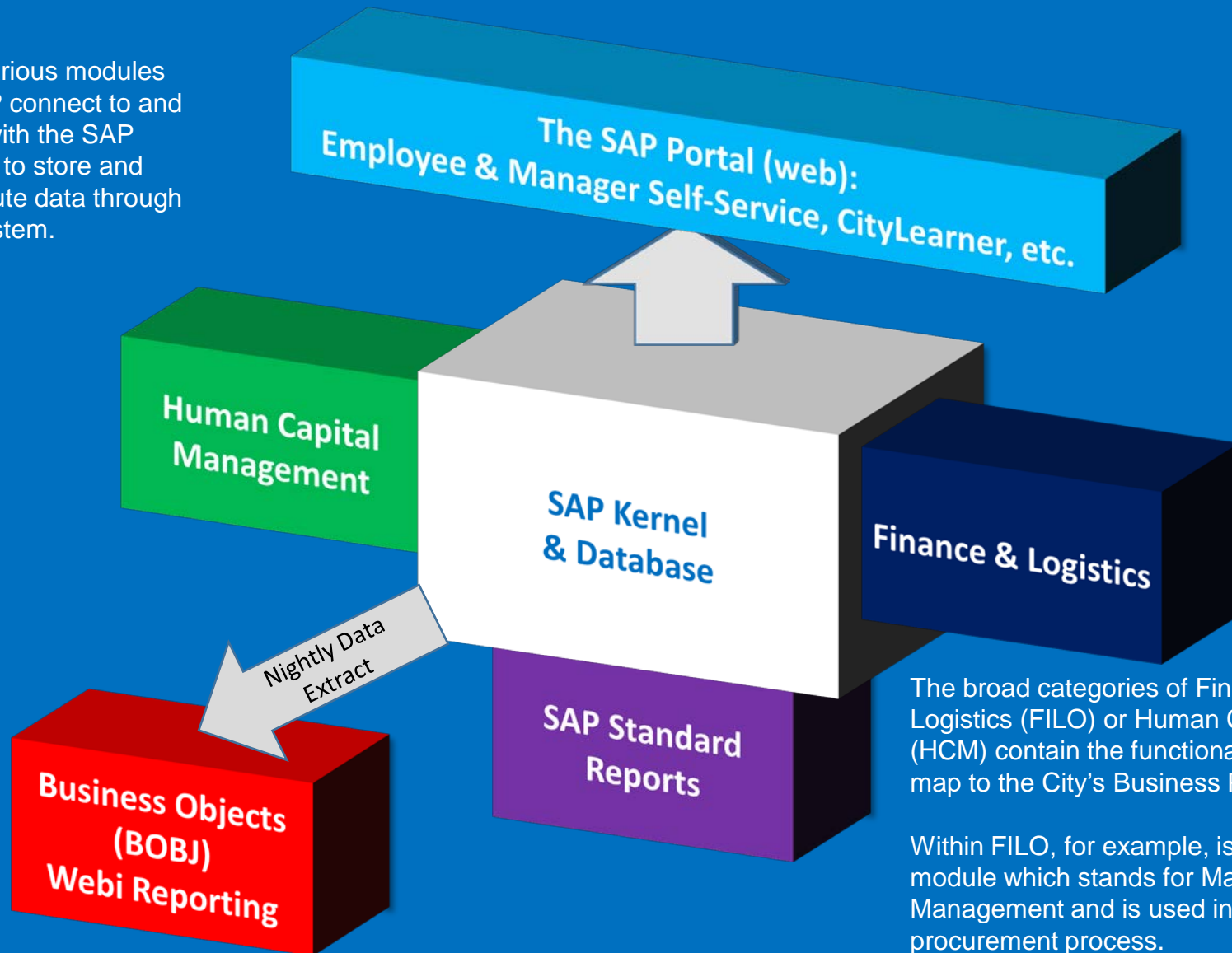
The SAP kernel is the core component of any SAP system. It consists of the executable files that run on the server to handle connections to the system and execute the SAP programs. It is the central program which acts as an interface between the SAP application and the desktop operating system (Windows). Using the latest stable kernel is vital to ensure the SAP system runs smoothly.



SAP Modules & Architecture [Part 2: SAP Fundamentals & Basic Navigation]

Part 2 of 5 describing the functional areas of SAP, how they are mapped to modules, and the Software Architecture of SAP.

The various modules of SAP connect to and work with the SAP Kernel to store and distribute data through the system.

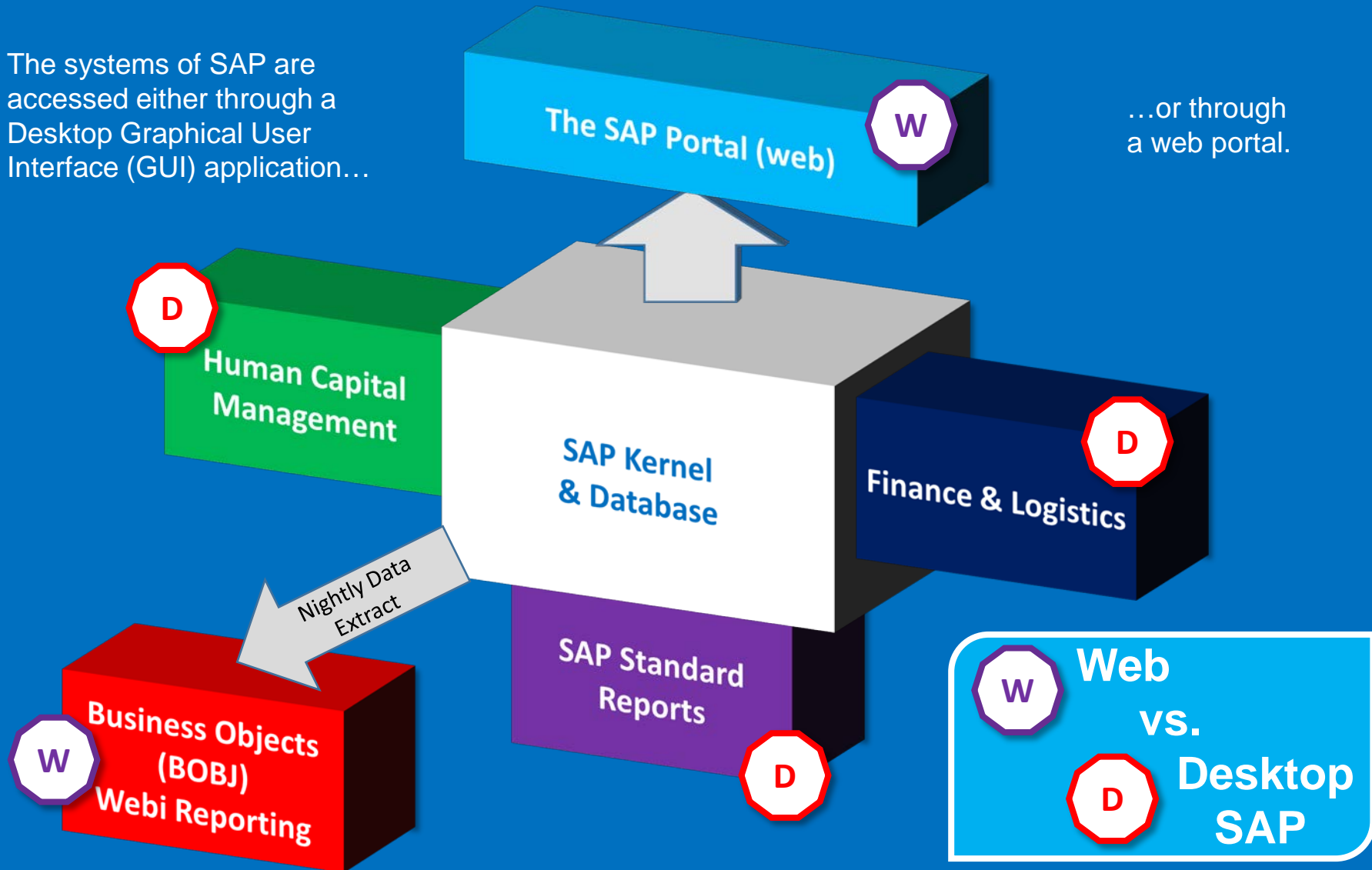


The broad categories of Finance & Logistics (FILO) or Human Capital Mgmt. (HCM) contain the functional modules that map to the City's Business Processes.

Within FILO, for example, is the MM module which stands for Materials Management and is used in the procurement process.

The systems of SAP are accessed either through a Desktop Graphical User Interface (GUI) application...

...or through a web portal.



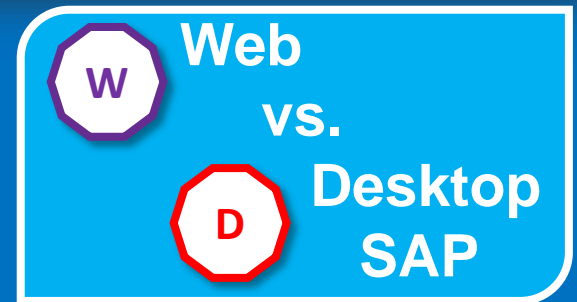
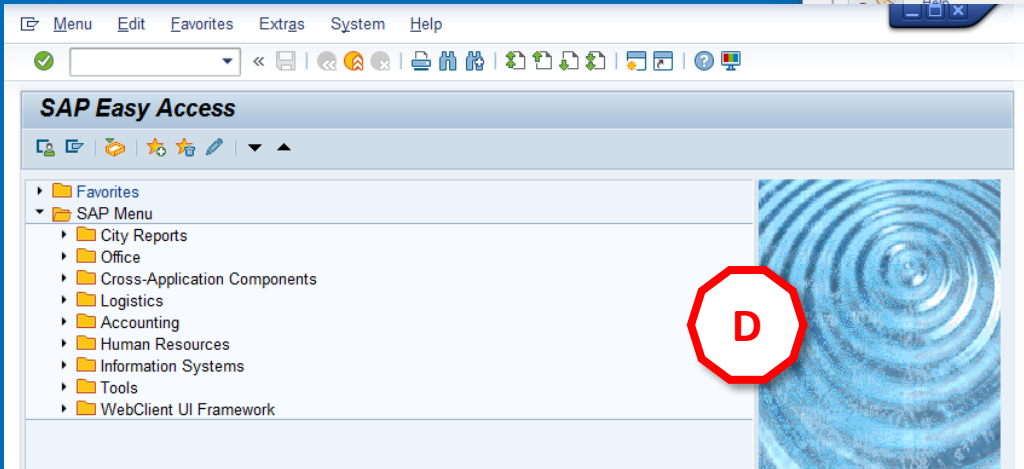
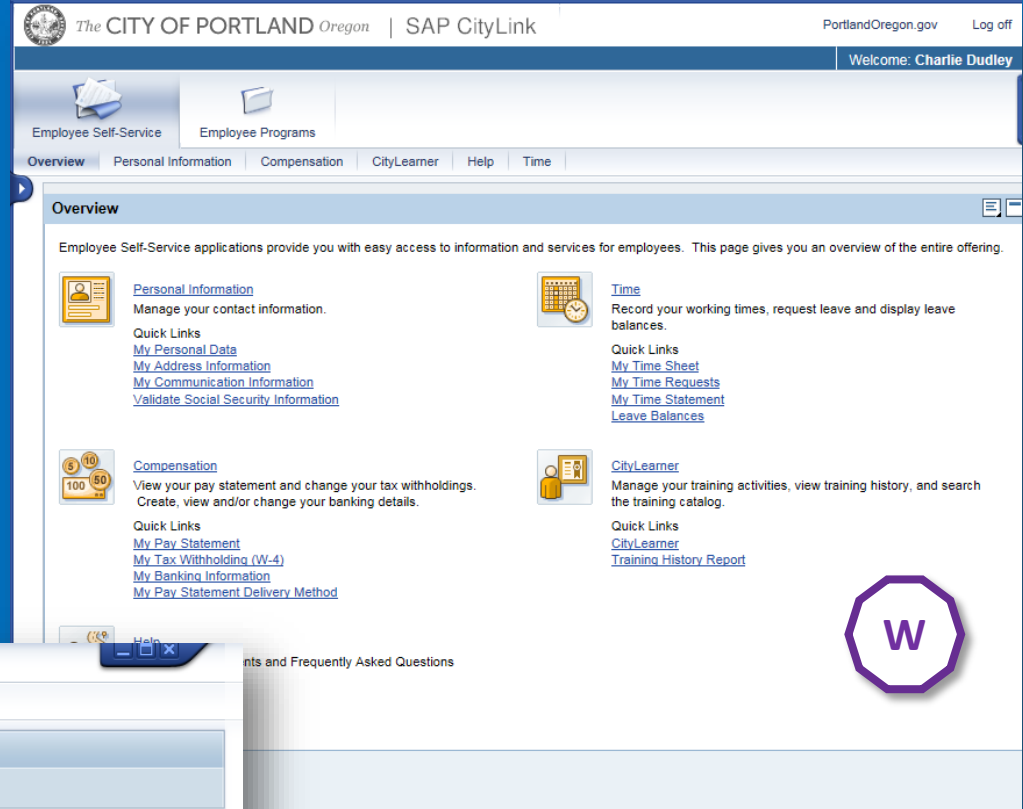
SAP Modules & Architecture [Part 2: SAP Fundamentals & Basic Navigation]

Part 2 of 5 describing the functional areas of SAP, how they are mapped to modules, and the Software Architecture of SAP.

This page shows you what the two interfaces look like in the City's current iteration/deployment of SAP.

Below is the desktop GUI interface.

To the right is the SAP Portal we call CityLink.



The Modules

Within each of the main categories (or “suites”) of SAP are the modules which make up the product suites (whether on desktop or web). Below are the full list of modules deployed within each suite at the City.

Human Capital Management

- ▶ BN Benefits
- ▶ FML Family Medical Leave
- ▶ LSO Learning Solution
- ▶ OM Organizational Management
- ▶ PA Personnel Administration
- ▶ PY Payroll
- ▶ TM Time Management
- ▶ HCM Processes & Forms (P&F)
- ▶ Employee & Manager Self-Service (CityLink Web Portal services):
 - ▶ Time Entry
 - ▶ Time Review
 - ▶ TriMet Passes
 - ▶ Deferred Compensation
 - ▶ Employee Personal Data
 - ▶ CityLearner (Training Catalog & Registration)
 - ▶ P&F Landing Page (Entrypoint)

Finance & Logistics

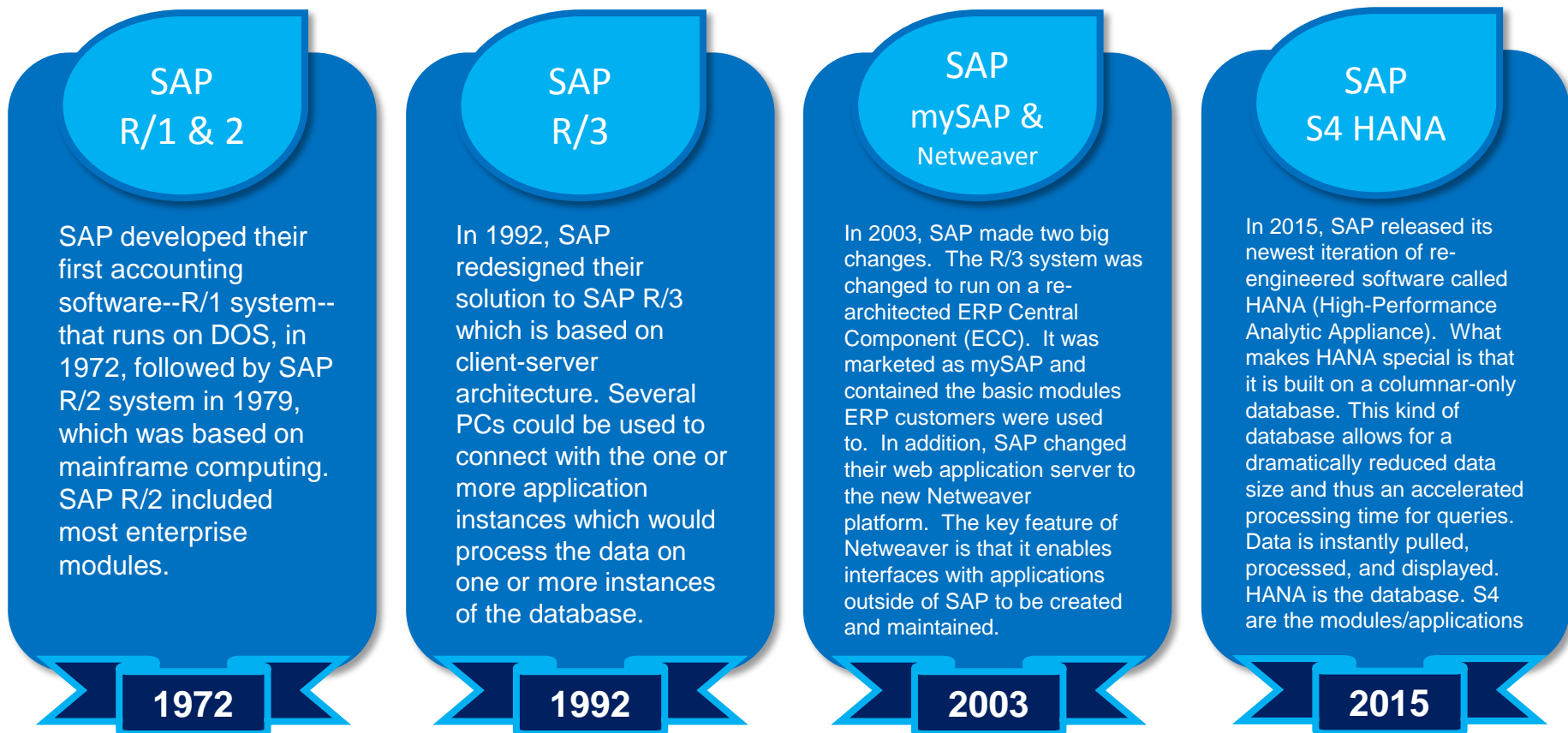
- ▶ AP Accounts Payable
- ▶ AR Accounts Receivable
- ▶ CM Cash Management
- ▶ CO Controlling
- ▶ FM Funds Management
- ▶ FA Fixed Assets
- ▶ GL General Ledger
- ▶ GM Grants Management
- ▶ MM Materials Mgmt., Procurement
- ▶ PS Project Systems
- ▶ PSCD Public Sector Collections & Disbursements
- ▶ SD Sales & Distribution
- ▶ TR Treasury & Risk Management
- ▶ REFX Flexible Real Estate
- ▶ PM Plant Maintenance
- ▶ MS Mobile Solution
- ▶ IN Inventory

Reporting

- ▶ SAP Standard Reports
- ▶ Business Objects (BOBJ) Reports

SAP Names, Names, Names

As products go, the naming conventions of SAP can seem confusing. Below is a key about each name of the core SAP product and what it means. For the most part a different name usually means a significantly different, updated, and upgraded product – the equivalent of going from Windows 8 to Windows 10.





City of Portland

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