

**THE  
POWER  
TO KNOW.**

## Stored Processes

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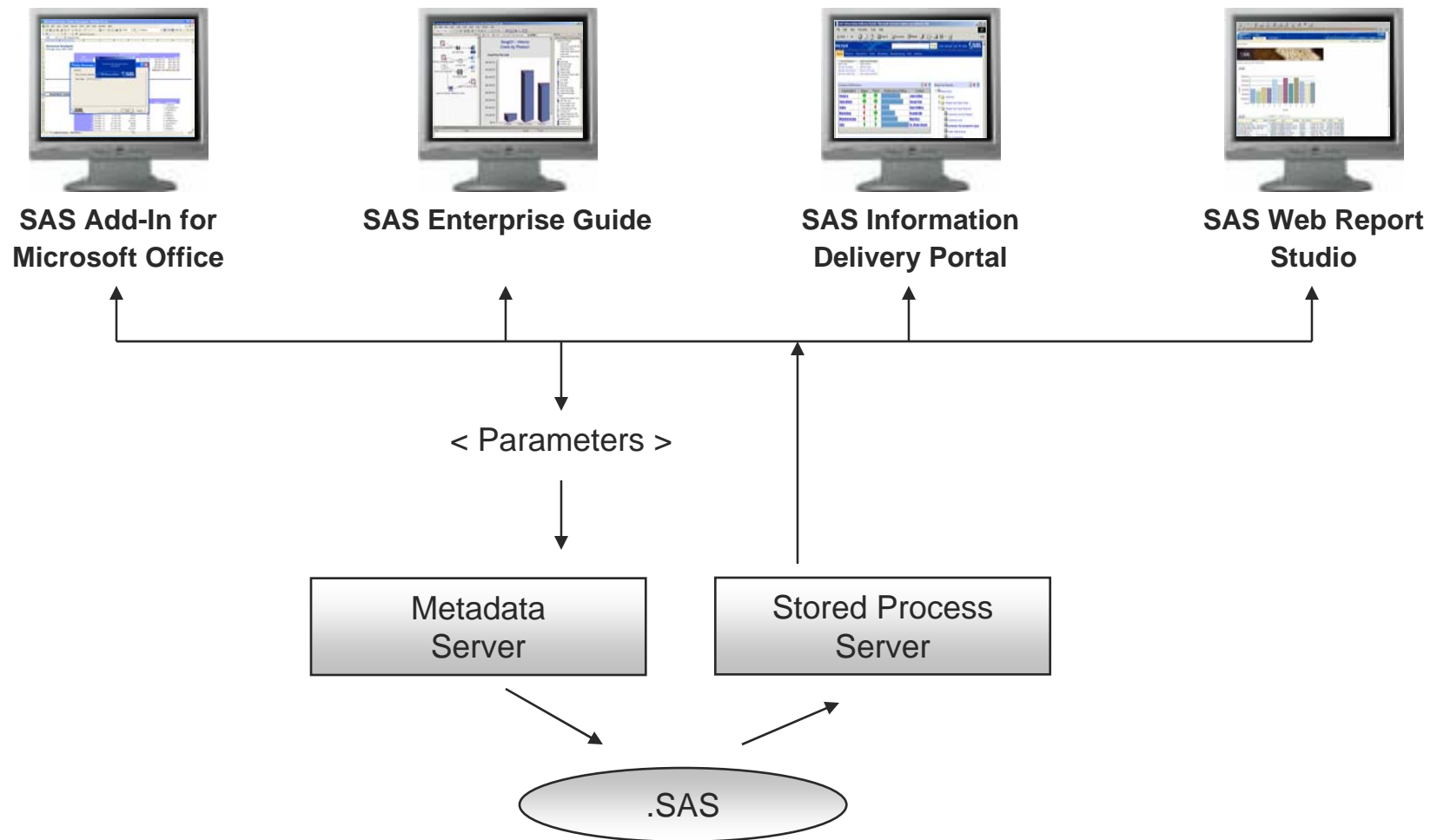
# Agenda

- Define Stored Processes
- Discuss benefits
- Describe creation and execution
- Execute Stored Process from BI environments
- Use EG to Create Stored Process

# What is a Stored Process?

- A SAS program
- Hosted on a server and described by metadata
- Executed by many of the new applications in the SAS<sup>®</sup>9 Enterprise Intelligence Platform

# Stored Process Execution



# Advantages of Stored Processes

- Can be invoked by end users
- Can accept user input parameters for dynamic execution
- Code is not embedded into client applications, so can be invoked from multiple applications
- Security and application integrity ensured through Metadata
- Accessed on demand so changes are immediately reflected

# Stored Process Macros

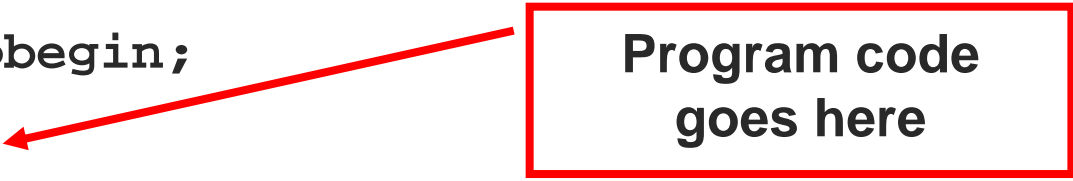
- **\*ProcessBody;** comment
  - Initiates input parameter processing (if any exist)
- **%STPBEGIN**
  - Initializes the Output Delivery System (ODS) to generate output from the stored process
- **%STPEND**
  - Terminates ODS processing and completes delivery of the output to the client or other destinations

# How are they created?

- Create Stored Process
  - Write or modify .SAS program, using Base SAS, Enterprise Guide, etc., including Stored Process Macros
- Register the Metadata
  - Management Console, or Enterprise Guide
- Run the Stored Process
  - Test and Modify as required

# Stored Process Syntax

```
libname orionstp meta port=8561  
        protocol=bridge library="SP_Orion"  
        repname="Foundation";  
  
*ProcessBody;  
  
%stpbegin;  
  
%stpend;
```



Program code  
goes here

# Demonstrations

- Execute Stored Process
- Investigate Components
- Create Stored Processes in EG
- Leverage MS Office with Stored Processes

# Q & A

- Questions?