

SeeBP Doc Services

Businesses everywhere are tightening their belts and trying to improve their bottom line. Most of our clients today are attempting to do more work with fewer staff and their time is getting increasingly fragmented in trying to meet all the demands for their services.

Our **SeeBP Doc Services** will document Business Processes written in GIS/SI, making them easier to understand and troubleshoot. With **SeeBP Doc Services** you can see what services are being used, how BP's are related, where elements are set and updated in ProcessData and the looping structures of any given BP. **SeeBP Doc Services** offers four levels of solutions.

SeeBP Basic -

Can improve your bottom line by providing your business with full documentation of all of your BP's in a very clear and easy to understand format, consistent and timely documentation that will further assist you in tracking down data and code issues. This will not only decrease your issue resolution time, but will also decrease the time needed to roll out new or enhanced business processes.

SeeBP Advanced -

Will additionally provide you with summary information giving you quick access to Rule name, Rule code and ProcessData Elements with their associated values and all of the features of **SeeBP Basic**.

SeeBP Premium -

Will really become indispensable to your company!!!! It includes all the benefits of our **SeeBP Basic Services** and our **SeeBP Advanced Services** and it will also provide you with our invaluable and informative review of where your services are optimally configured, hints or suggestions to show where process or performance improvements can be made and code analysis warning where sequence starts are not named or have generic names.

SeeBP Premium Plus -

Some of our clients have highly sophisticated processes with large numbers of BP's that may or may not have been created and maintained using best practices. In these cases, may we suggest our **SeeBP Premium Plus**. It includes all of the above along with a full BP code review by one of our experienced BP developers in order to find, locate and make suggestions on additional issues that can't be caught in an automated review.

Now. . . imagine if you can have any of the above in less than 24 hours (excluding **SeeBP Premium Plus**) AND at a fraction of what it would cost to do "in house". Non disclosure agreements provided.

SeeBP Doc Services

Product Highlights

SeeBP Basic -

- Documentation is in easy to read HTML format
- The documentation will simplify code review
- Easily find where elements in ProcessData are used across multiple BPs
- Quickly determine which BP's use what services
- XML/HTML comments are clearly displayed
- Services are colored **brown** to be easily identified
- Service configuration parameters are indented under each service
- Allows the analyst to compare actual source code with documentation
- Clearly show how each service is configured
- Show what services are used in each Sequence or Choice code segment
- Shows values used in BP to configure each service
- Shows blocks of code and looping structure
- Show the rule code for each branch of a choice
- Invoked BP's are a link to that BP's source code, allowing an easy tracing of the code in the order it is executed.
- Shows code in on-fault

SeeBP Advanced -

- Includes all of **SeeBP Basic**, plus:
- Shows rule names at the beginning of the BP
- Code analysis will warn (**in red**) where a service is configured for messages first, then process data
- Creates a summary for each BP showing Rule name and Rule code
- Creates a summary for each BP showing Elements that are updated, and the values that are passed to them

SeeBP Premium -

- **SeeBP Premium** includes all of **SeeBP Advanced**, plus:
- Code analysis (**in green**) shows that a service is optimally configured
- Code analysis (**in blue**) are hints or suggestions to show where process or performance improvements can be made to a specific service
- Code analysis (**in red**) warning where sequence starts are not named or have generic name
- Summary showing services that are used in a BP, and the names they have been given in the BP

SeeBP Doc Services

Product Highlights – continued

SeeBP Premium Plus -

SeeBP Premium Plus includes all of the previously listed features and documentation of our **SeeBP Premium** with a manual code review by an experienced BP developer to identify additional issues that cannot be caught in an automated process such as bad code (i.e. code that crashes a BP), ineffective code (i.e. code that doesn't do anything), and inefficient code (i.e. too many steps for simple processes). We can also consider making custom changes to the documentation to meet your specific business needs.

For further information, please contact. . .

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SeeBP Doc Services	SeeBP Basic	SeeBP Advanced	SeeBP Premium	SeeBP Premium Plus
Features				
Single, Easy to read HTML document	X	X	X	X
Shows XML/HTML Comments	X	X	X	X
Services are colored for easy identification	X	X	X	X
All service configuration parameters displayed (1)	X	X	X	X
Compare documentation with actual source code	X	X	X	X
Clearly show how each service is configured.	X	X	X	X
Show Sequence and Choice code blocks	X	X	X	X
Show rule code for each Choice	X	X	X	X
Show on-fault steps	X	X	X	X
Invoke services link to BP Documentation	X	X	X	X
Show rule name at beginning of BP		X	X	X
Show rule name and rule code at end of BP		X	X	X
Show element names and assigned values at end of BP		X	X	X
Show potentially mis-configured services in red		X	X	X
Show poorly named or unnamed Sequences			X	X
Show potentially properly configured services in green			X	X
Show where service configurations can be improved			X	X
Show all services and names given in BP at end of BP			X	X
Manual review of BP				X
Benefits				
Simplify code review	X	X	X	X
Find elements across multiple BP's	X	X	X	X
Determine which BP's use which Services	X	X	X	X
Clearly see loops	X	X	X	X
Quickly understand how a BP works	X	X	X	X
Quickly troubleshoot BP	X	X	X	X
Easily follow BP execution step by step	X	X	X	X
See all Assign Service elements in one location		X	X	X
Identify possible issues		X	X	X
See all rule names and rule code in one location		X	X	X
Confirmation of properly configured services			X	X
Quickly identify potential problems and performance issues			X	X
Easily cross reference services name in BP to actual services in GIS			X	X
Review of entire BP, not just individual services, looking for issues and potential performance enhancements				X

(1) – Only for service parameters configured in the BP. Configuration parameters for services configured in GIS will not be displayed.

SeeBP Doc Services

What we are working on. . .

In the Advanced documentation, repeat services will have links back to the start of their loop.

Where data flows (multiple BP's) can be identified, data flows will have their own discrete documentation.

Where BP's are invoked in-line, an option will exist to put the documentation for the invoked BP in the documentation for the parent BP. This will more accurately reflect what the analysts see when they review the steps of a BP that has been executed.

Ability to document BP's in an export file

Summary should show the objects (rules, elements, services) in the order they appear in the BP

Code analysis to include rules

Limitations and disclaimers

- Will not show service configuration details for services that are configured outside of the BP (i.e. at the service level in GIS, not in the BP)
- This has been tested in GIS 4.x and earlier versions. It has not been fully evaluated in SI 5.x.
- The Code Analysis reviews only service configuration based on generally accepted best practices.
- The documentation that is provided is accurate to the best of our knowledge. However, there is no warranty or guarantee associated with the documentation. When making code changes, it is best to always review and understand the actual source code before making changes.
- Because of the wide variety of styles that can be used in BP development, there may be some things in the final output that do not match the source code. Our extensive testing has been refined to prevent these discrepancies as much as possible. However, if a discrepancy is found, please let us know and we will correct the documentation as quickly as possible and send the updated documentation back at no charge.