Build Forge provides all the necessary capabilities to create an automated and repeatable compliance strategy using your current resources and development tools.

Build Forge provides multiple components to create sustainable compliance, all of which lead to a strategic advantage. First of all, by defining cross-functional development processes, the active standardization and retention of deployment processes.

Also, let the computer automatically document your processes. Self documenting capabilities to keep critical process data and the results in a secure, consistent as well as centralized knowledge base.

The ability to produce executables from scratch or reproduce executables from scratch. This ability to repeat reliable productions of any build executable release from past or present.

Also we can enable governance through adherence and enforcement by allowing consistent checks and balances on positive and negative compliance indicators.

First we have process documentation. The systems centralized knowledge base automatically stores actionable processes...process information with the company's

infrastructure protecting that investment for the company and dramatically lowering the learning curve for stored processes.

With it you can see the current definition of the process as well as your results of previous runs of this process as well as track the changes of this process over time. This system drives the creation of a repository of process knowledge, automatically archives it and ensures the processes are executed in a standardized, consistent and repeatable fashion.

So let's look at some of the build results, and specifically what type of information we're logging as part of a build. As I mentioned, the Build Forge system automatically logs in the action it takes for any project, storing its logs in a database whether a project is run across one build server or 100 build servers, we collect all the logging information and put it in our central database.

This self documenting capability provides an audit trail correlating disparate data from data sources such as source control, compiling and testing output as well as defect tracking tools giving you a one-stop view of the product build.

This information can drastically reduce...can assist with

the regulatory compliance requirements such as Sarbanes-Oxley as well internal audits.

So what we see within the logs, for example, to start with, are the environment that we run in. For example, here we're going to pick up all the environment variables for Build Forge and the values of those environment variables but also wherever we ran that step we're going to pick up the environment for that specific system.

So all the server inventory, all the inventory data, the command we send the machine, the output produced by the machine, any messages reported by these commands or agents, are all reported back to the Build Forge system.

So with this level of information that you have, it makes it quite easy to reproduce your process and build your executables from scratch.

And these extensive tracking mechanisms make Build Forge a system, a valuable tool, for comprehensively documenting your processes, providing an audit trail to assist with regulatory compliance, as well as giving you just a rich set of information so if you need to reproduce that build, you know, several years down the road you have all the information needed in a central location to help you do that.

So as you can see, for each of these steps we provide a rich level of information, you know, all the way from the execution, to the environment, to authorization into those steps.

But we also create a summary of that information which we call a bill of materials. The Build Forge system will automatically generate this bill of materials. The bill of materials contains information about the steps in the process execution, which steps are run, what servers they were run on, as well as other detailed information such as input from your quality assurance team.

It can also serve for an auditing solution of your build [INAUDIBLE] process. Effectively, the bill of materials is a way for Build Forge to summarize all the self documentation that's going on in all the steps and it gives you really a central way to diagnose and trace issues or compliance infractions.

For example, this is a simple bill of materials that I have established for this project, and the other things I wanted to capture besides the build steps was I wanted to capture the source changes, exactly what files were changed in this project that are new into this build. I also wanted to synchronize with my defect tracking system to understand

what defects this was supposed to resolve.

Other information which I've captured in this bill of materials, for example, is a listing of all the code that went into this project as well as setting the MD5 checks zones of those.

The MD5 check zones become very valuable when I want to support an application and I can get that information and then use it to look in the Build Forge system to see what exact build built that specific executable.

So these extensive tracking mechanisms really make Build Forge a valuable tool not just for documenting your processes but also providing an audit trail that can help you, you know, automate the whole process and standardize the process of compliance across your build or release environment.

With this, you can, you know, greatly reduce the time spent reading through the logs, less chance of errors being detected, quickly diagnose what's not in compliance and what is in compliance. And basically, reduce the time it takes to address auditing issues or compliance issues.

With this bill of materials, you get a complete documentation to build content and you have a flexibility to

add whatever information you want to have as a standard auditing process, plug into the Build Forge system, then every project that's run in the system will automatically use that information to gather all the data that you need.

So in summary really, Build Forge really allows you to embrace compliance governance as a strategic opportunity where we allow you to see that compliance is really, you know, a code name for intelligent development.

Of course, certain regulatory bodies are putting additional pressures on compliance that would normally be there, but compliance must be seen as enterprise wide opportunity for improvement, and that doesn't necessarily require a big bang approach but rather an evolution that leverages the current technology investments as well as your personnel.
[END OF SEGMENT]