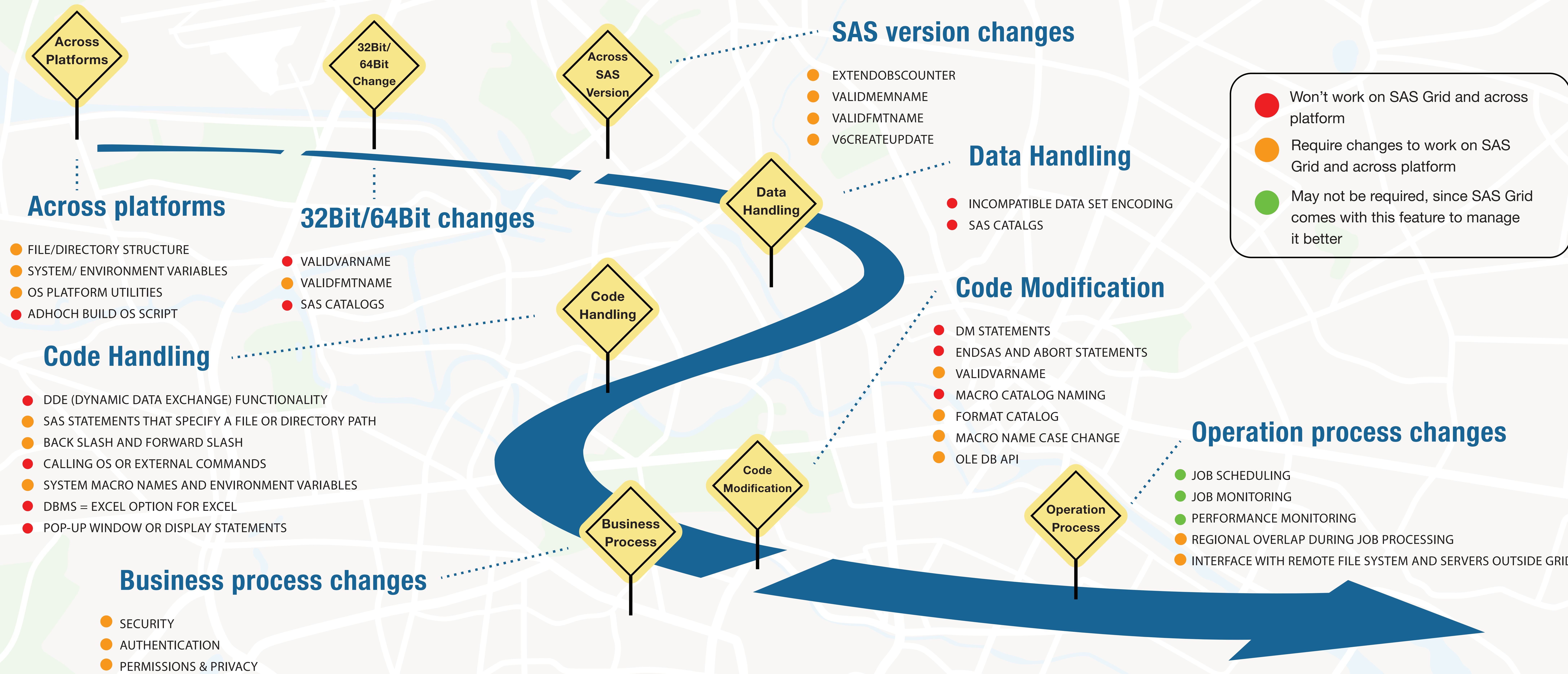


# SAS Grid Migration - Challenges, Solutions and Learnings

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## Introduction :

Everyone is dealing with large amount of data now, but how that big data impacts your business depends on what you are trying to do with it. Healthcare and pharmaceutical companies are faced with tight deadlines, complex analyses with long run-time. To solve that issue and reduce overall run-time and increase system availability, one option is the SAS Grid. The SAS Grid Manager uses the power of distributed computing across a cluster of server nodes that provide redundancy, scalability, and parallel (asynchronous) processing resulting in increased reliability, easy expansion, and reduction in overall run-time. Migrating towards this power of distributed computing does pose some challenges, but with careful planning and use of simple tools, the hurdles will quickly become a distant memory. We will address some of the key challenges we faced and its solutions while working on multiple SAS Grid implementations.



## Learning :

Migrating to SAS grid into a new operating environment is a complex and challenging task. Especially, when it is across platform (different OS level), different OS Bit sizes and across SAS versions. But with careful planning and use of simple toolset it can be managed with little pain. Some of the key challenges and solution listed in this paper can help towards better understanding of things to consider when working on SAS Grid migration. Finally, do not underestimate the training requirement of your team of programmers on expected changes towards transition on to the SAS Grid.