Why use Emulation?
You have a huge SOC to be verified, with tens or hundreds of millions of gates, and a tight verification schedule, and only way to verify this behemoth properly is via emulation. But you may not have the necessary expertise or updated methodology for making this happen successfully. The risk of failure is clear: a severe negative impact on your team and on your company. You need help in getting the job done.
Whether you have your own emulation hardware or simply need the benefits of emulation acceleration for your latest design, a strategic approach is necessary in order to reduce your risk minimize your operational costs and reduce your time to market.

How can Mentor Services Help?
Mentor services provides three distinct offerings that help you achieve maximum efficiency in your Veloce™ based verification effort.

**Emulation Consulting Services** provide you a path to using your own emulation hardware by helping you define and address gaps in your methodology and infrastructure.

**Emulation Methodology Services**, offers direct collaboration with your team in identifying and implementing changes to your emulation flow and infrastructure, infuse best practices, and transfer years of expert knowledge to your engineering staff.

However, if you need the benefits of accelerated verification, but lack the in-house personnel or expertise to execute these tasks efficiently, our **Emulation-as-a-Service (EaaS)** offering utilizes a dedicated Mentor team to execute a production-proven emulation flow on your design, guaranteeing to make your design emulation ready.

**Key Benefits**

**Emulation Consulting & Methodology Services**
- Reduce the time to value of your current emulation environment
- Speed adoption of best-practices into your Emulation methodology
- Transfer of customized methodology to support best practices for future projects

**EaaS**
- Enables emulation without costly hardware investment
- Reduced risk through Mentor execution of proven Veloce emulation flow
Where can Mentor help me meet my emulation requirements? Mentor’s Emulation services leverage years of production experience in both assisting customer teams and executing customer designs in the Veloce™ emulation flow, including:

- **SV/UVF Methodology**
  - Assistance with enhancing, extending and executing SV/UVF based verification with Questa

- **Functional Safety Methodology Services**
  - Services that help customers align development processes with lifecycle requirements for safety critical applications

Your Mentor account representative can help you construct a Services plan drawing from one or multiple Mentor Consulting Services, managed in a way that best meets your organization’s goals.