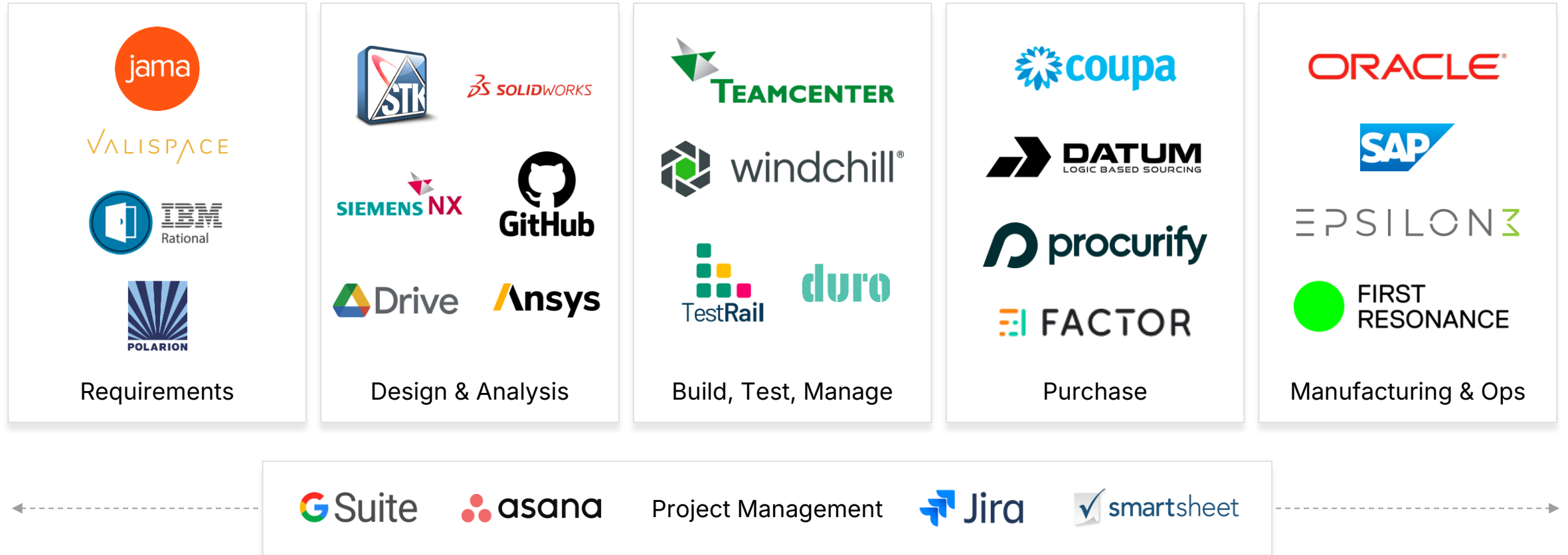


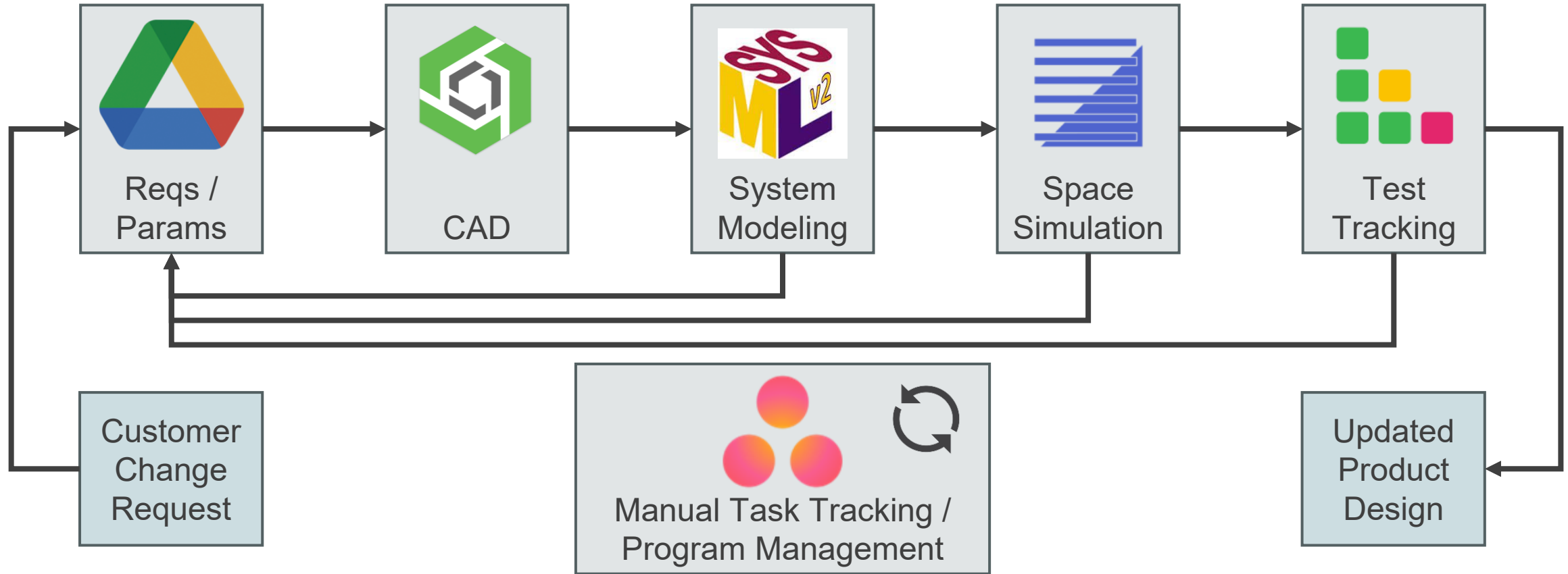
Enabling Live Data Fabric for Spacecraft Design and Build

Dr. Lucy Hoag, Founder & CEO
Violet Labs

Spacecraft are designed and built using numerous disconnected tools



This development process typically requires tons of manual data transfer and iteration, driving up engineering time



Some tools have direct integrations, but most do not. Program management tools typically provide only an overview of tasks, not direct math-aware updates.

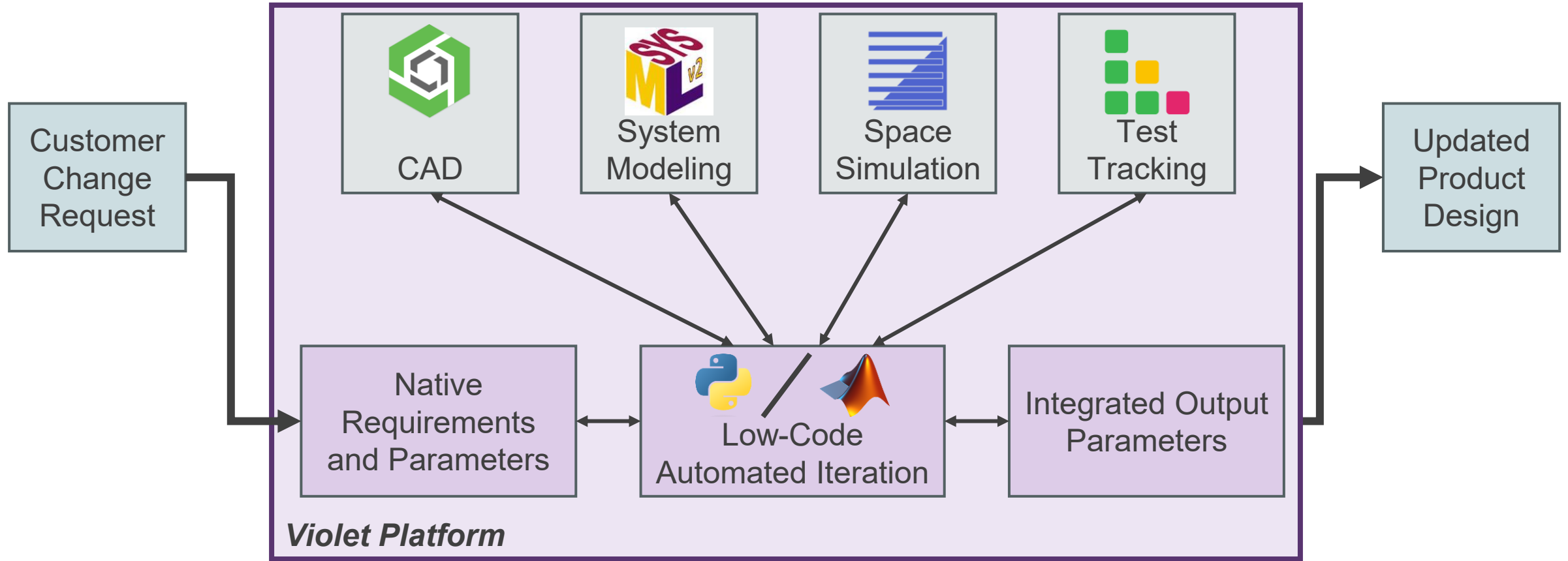


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The design and analysis iteration can be automated with Violet, significantly reducing engineering overhead



Violet provides live integration and parameter management between design, modeling, and analysis tools, enabling significant engineering automation.

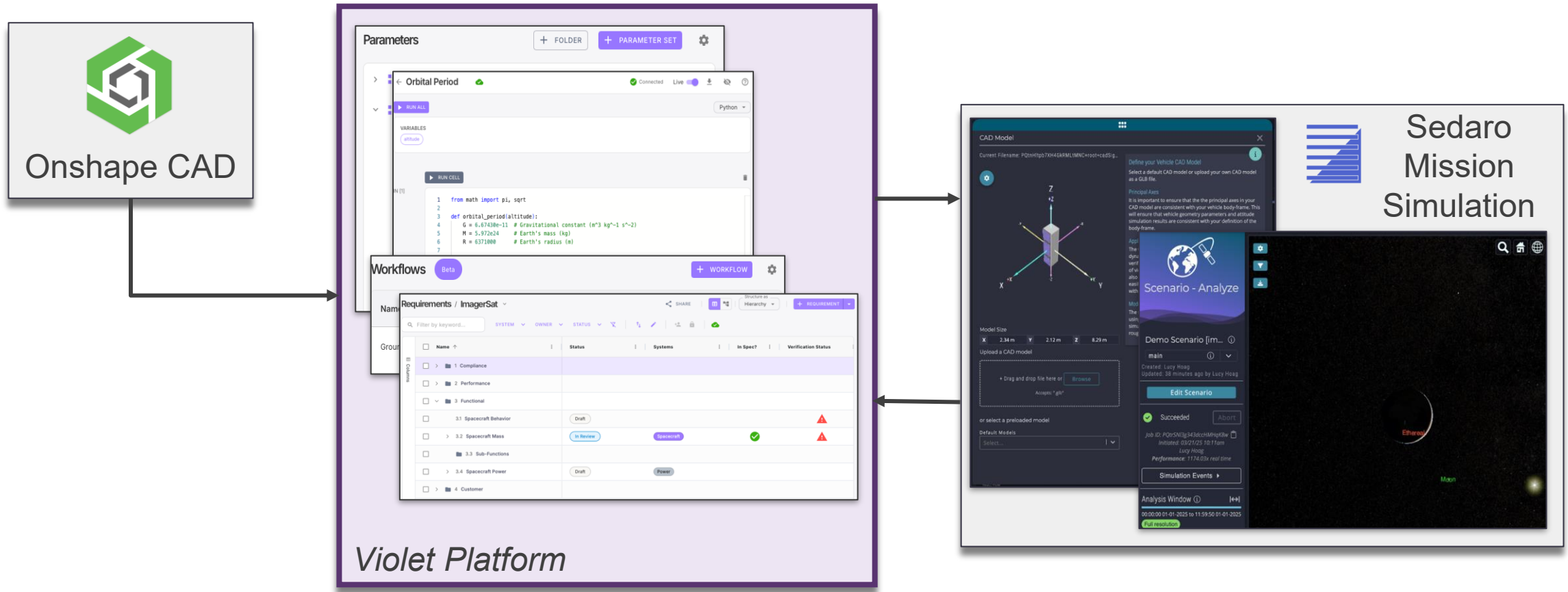


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Ethereal Space uses Violet to synchronize their design, simulation, and requirements verification processes, removing manual updates across apps



With these systems integrated, Ethereal can understand the impact of a customer request on mission parameters in a few hours instead of a few days

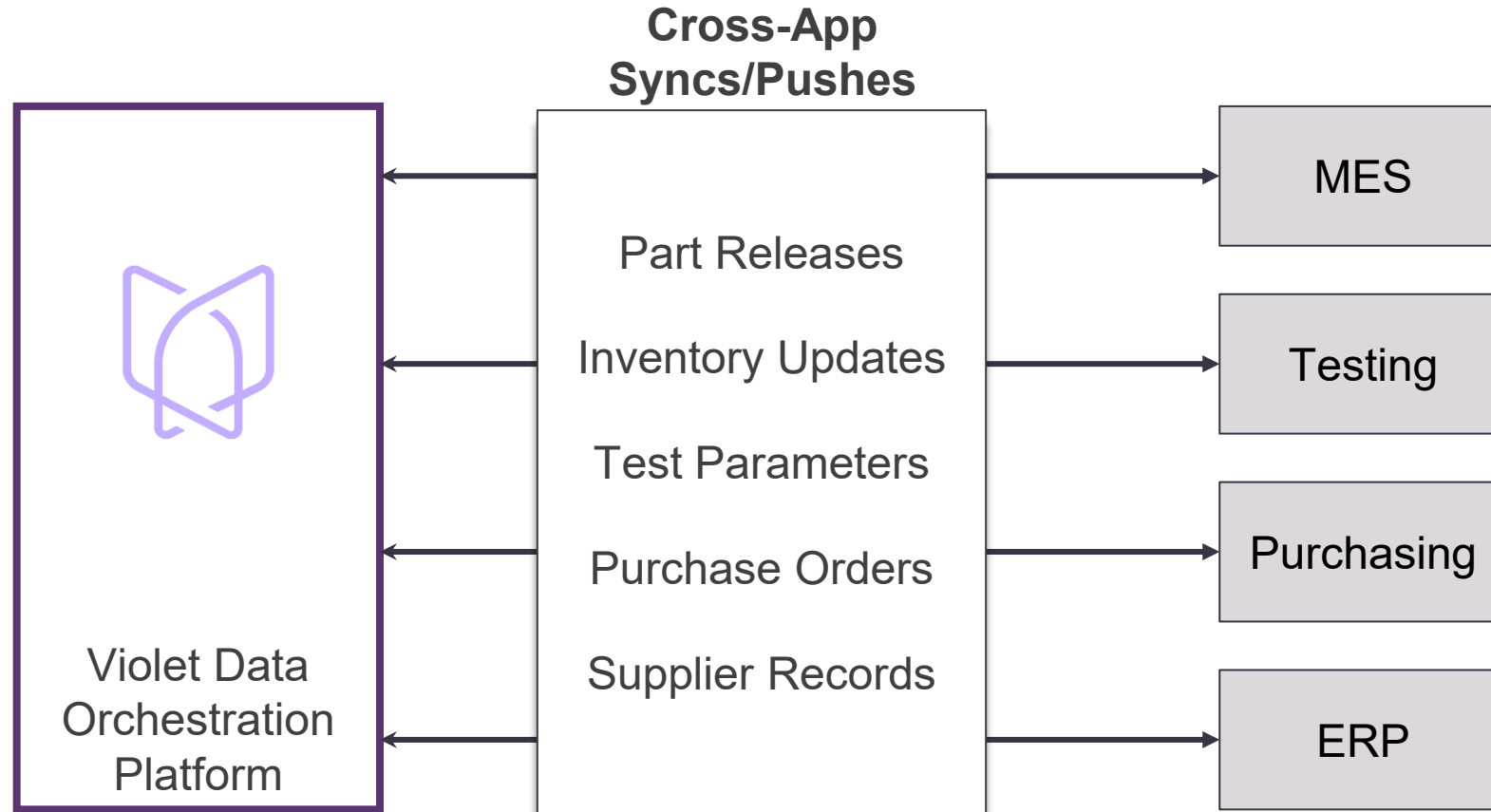


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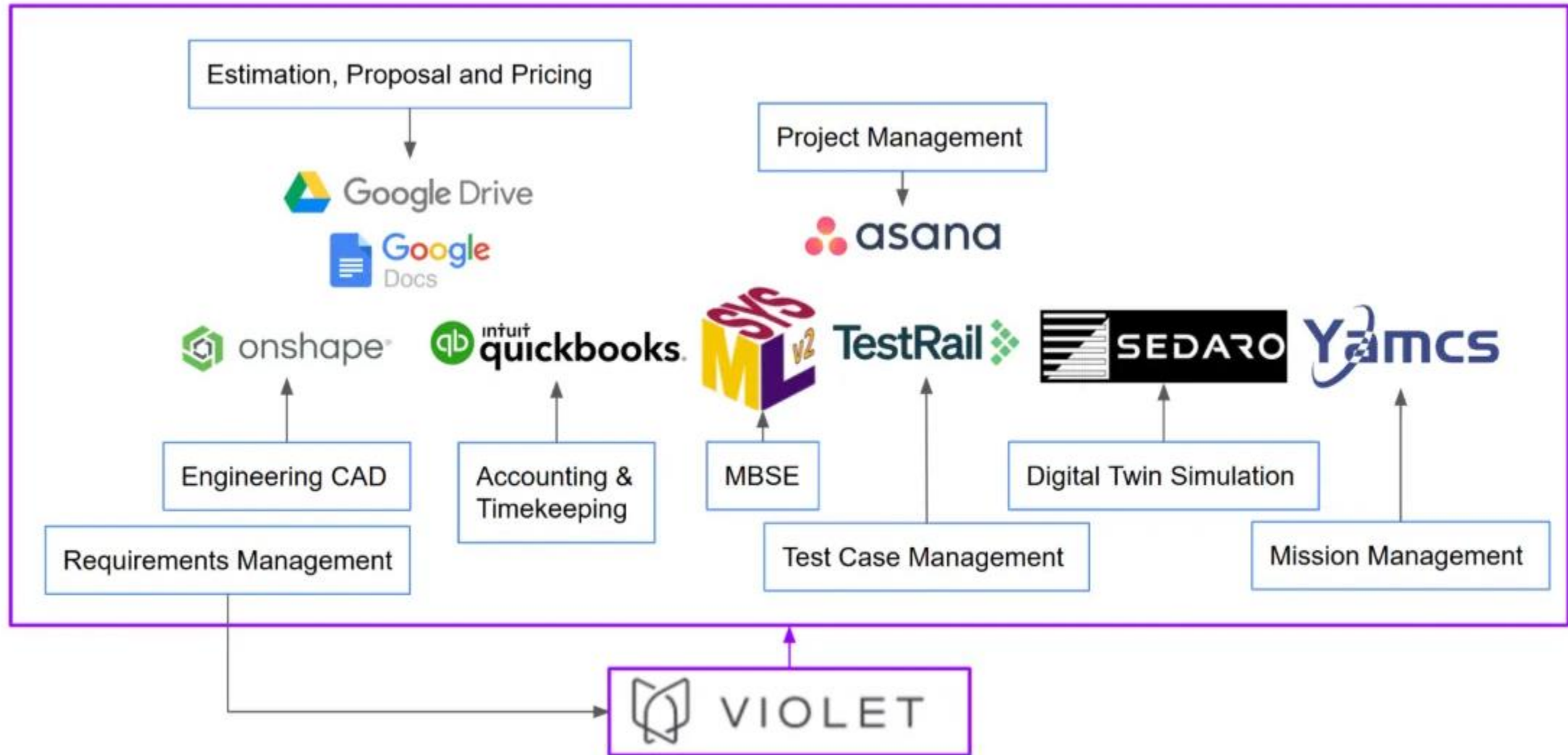
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Once the design is modified, released parts and parameters are automatically pushed to downstream apps for purchasing, manufacturing, and testing



PO and inventory information remain in-sync between manufacturing, purchasing, and accounting apps throughout the build process

Ethereal is using Violet to power their end-to-end digital thread and enhance development transparency



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