Mr. Knapp is the Vice President of Operations for TSRI. In this role, he has directly supported the successful completion of modernization engagements encompassing multiple source-to-target language pairs and a variety of database technologies. He has extensive knowledge of TSRI's automated legacy migration processes and leads all worldwide operations for the company. He has been responsible for the execution and oversight of over 250 legacy system modernization projects using theJANUSStudio® toolset over the last 22 years. His expertise with grammar systems, syntactic specifications, compiler technology, and automated transformation algorithms has helped TSRI routinely deliver worlds' first modernization solutions. He has led modernizations of IBM, Unisys, HP Tandem and other mainframe systems, spanning over 30 languages, and including relational, sequential and hierarchical database technologies. He has been instrumental in developing cloud-agnostic targeting capabilities ofJANUSStudio®, leading mainframe modernization engagements to AWS, Azure, OpenShift and other on-premises targets.