Security, risk and compliance are increasingly important issues in enterprise modelling. An analysis of real world scenarios for banking has shown that today's "best practices" based on informal techniques are insufficient and should be replaced by adequate formal approaches. This book proposes general methods and techniques for the analysis and optimization of visual enterprise models based on algebraic graph and model transformation. The provided automated techniques support, on the one hand, the analysis and optimization of visual enterprise process models and, on the other hand, the analysis of conformance of enterprise process and service models.