

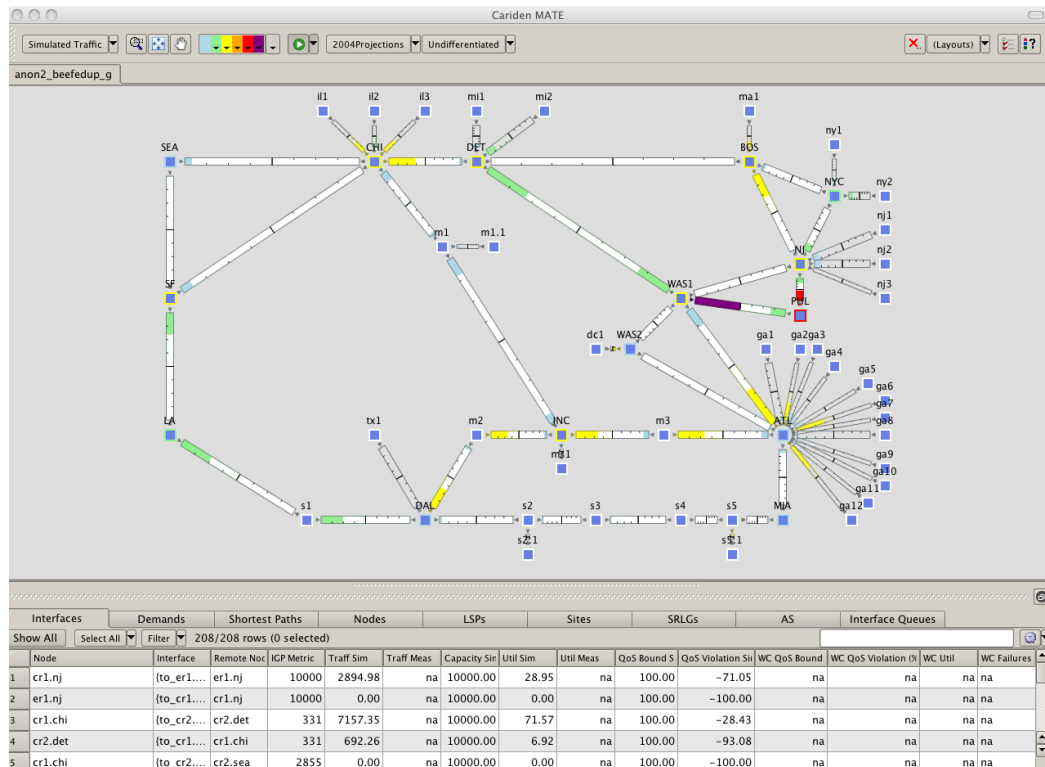


# IPFRR LFA Coverage Evaluation via Cariden MATE



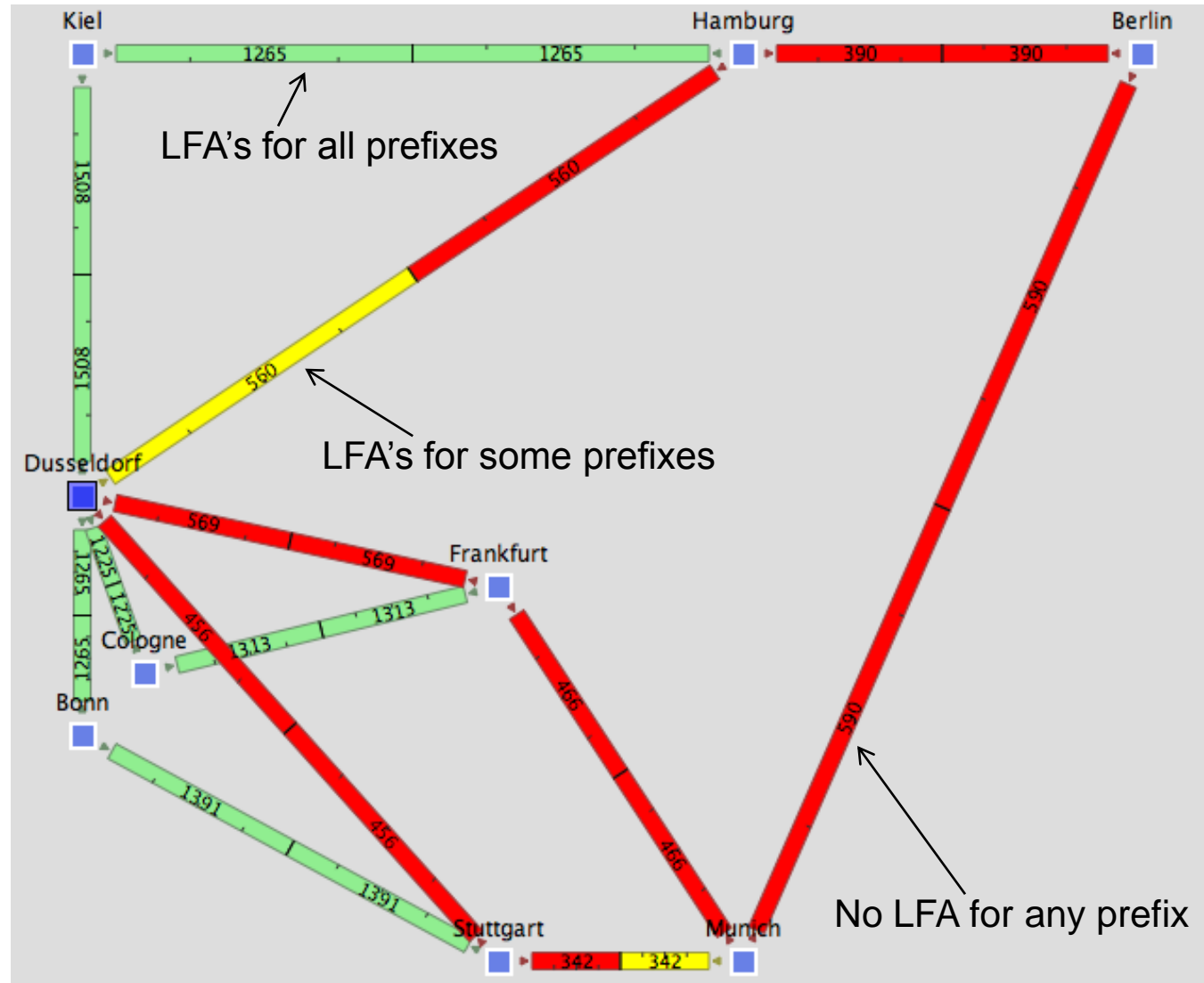
# Cariden MATE

- IP/MPLS Traffic Management software
- Discovery & Visualization
- Planning & Design
- Traffic Engineering

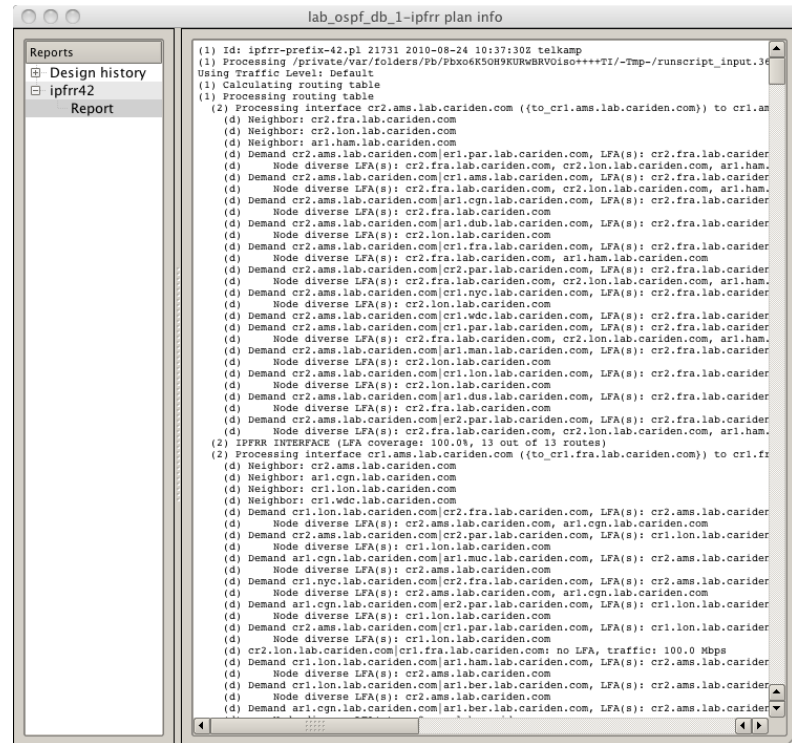
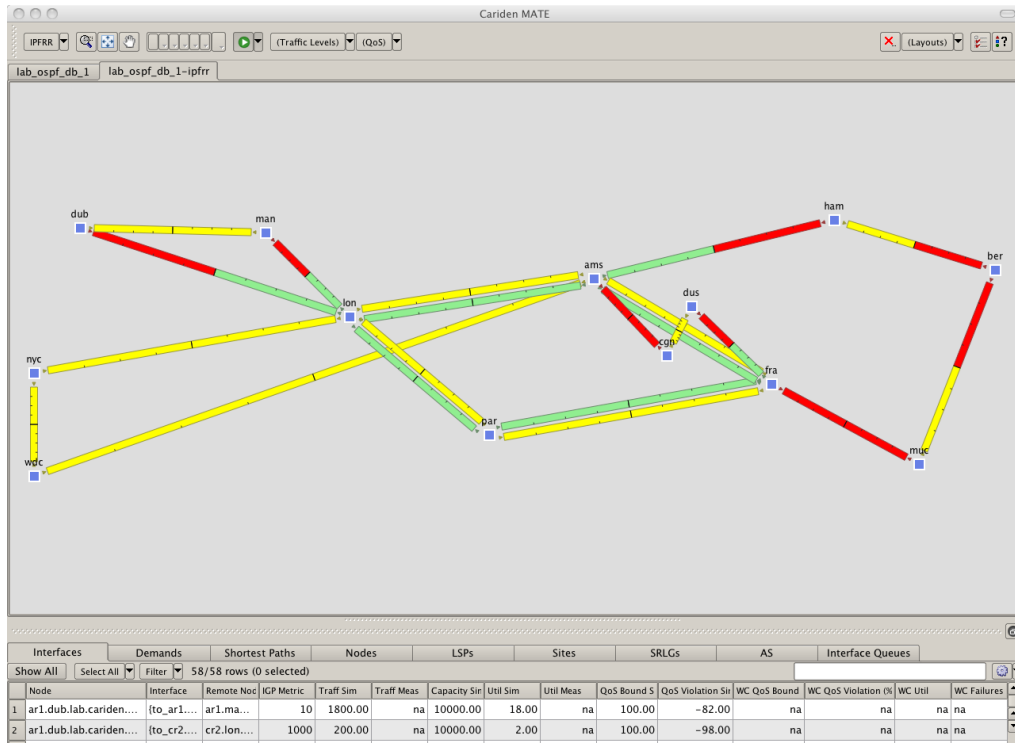
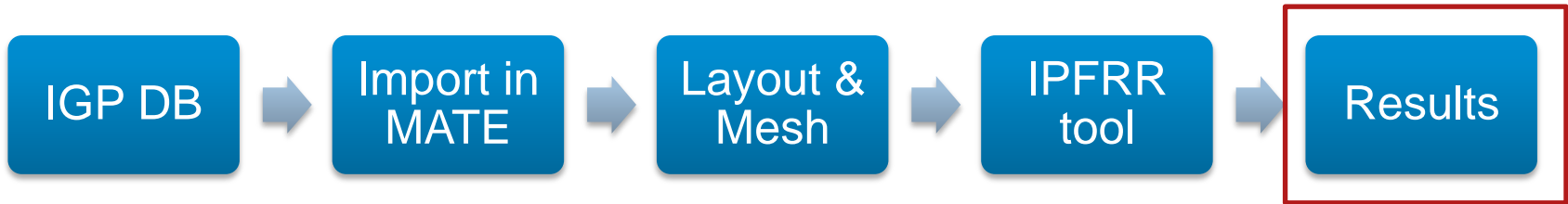


# MATE's IPFRR LFA Coverage Analysis

- Simulate IPFRR LFA coverage for a given topology
- Traffic aware
- This example: 75% of interface traffic has an LFA available



# IPFRR LFA Analysis Workflow



# Lessons Learned

- Practical considerations for RSVP FRR motivate IPFRR
  - RSVP maintenance (esp. at edge) inconvenient without auto configuration. Auto-configuration not available on all platforms
- Complete LFA coverage for standard designs (draft-filsfils-rtgwg-lfa-applicability)
  - Triangle, Full Mesh, Square, Extended U
  - Dual Plane, Two-Tier IGP Metrics
- Convenient tool to evaluate real-world topologies
  - Start with show IGP command
  - Analysis results with a few mouse clicks

# Contact us

Ask for the free  
IP-FRR Add-On

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