

# CLOUD MIGRATION WHITEPAPER 2024

## Enterprise Best Practices & Success Strategies

### MARKET INSIGHTS:

- 73% of enterprises use hybrid cloud strategy
- \$732B global cloud market by 2025
- 52% of companies migrated majority to cloud
- Average \$152K annual infrastructure savings

### THE 6-STEP MIGRATION FRAMEWORK

#### STEP 1: DISCOVERY & ASSESSMENT

- Application dependency mapping
- Performance baseline establishment
- Compliance requirement analysis

#### STEP 2: MIGRATION STRATEGY DESIGN

- Lift-and-shift vs. re-architecture
- Multi-cloud vs. single provider
- Timeline and resource planning

#### STEP 3: PROOF OF CONCEPT

- Pilot application selection
- Performance validation testing
- Cost-benefit analysis

#### STEP 4: DATA MIGRATION

- Secure transfer protocols
- Data integrity verification
- Backup and rollback procedures

#### STEP 5: TESTING & OPTIMIZATION

- Load testing and performance tuning
- Security configuration validation
- User acceptance testing

#### STEP 6: GO-LIVE & MONITORING

- Production cutover execution
- Real-time monitoring setup
- Continuous optimization