#### Incident Management

a Netflix Velocity

Dave Hahn



Ed Hunter

# Managing OS Release Transitions at Netflix Scale



#### Nora Jones

# Chaos Engineering: A Step Toward Resilience



C MCELLA

## Velocity

#### 100 000 000 000

#### 10 000 000 000

### 1 000 000 000

#### 100 000 000

#### 10 000 000

### 1 000 000



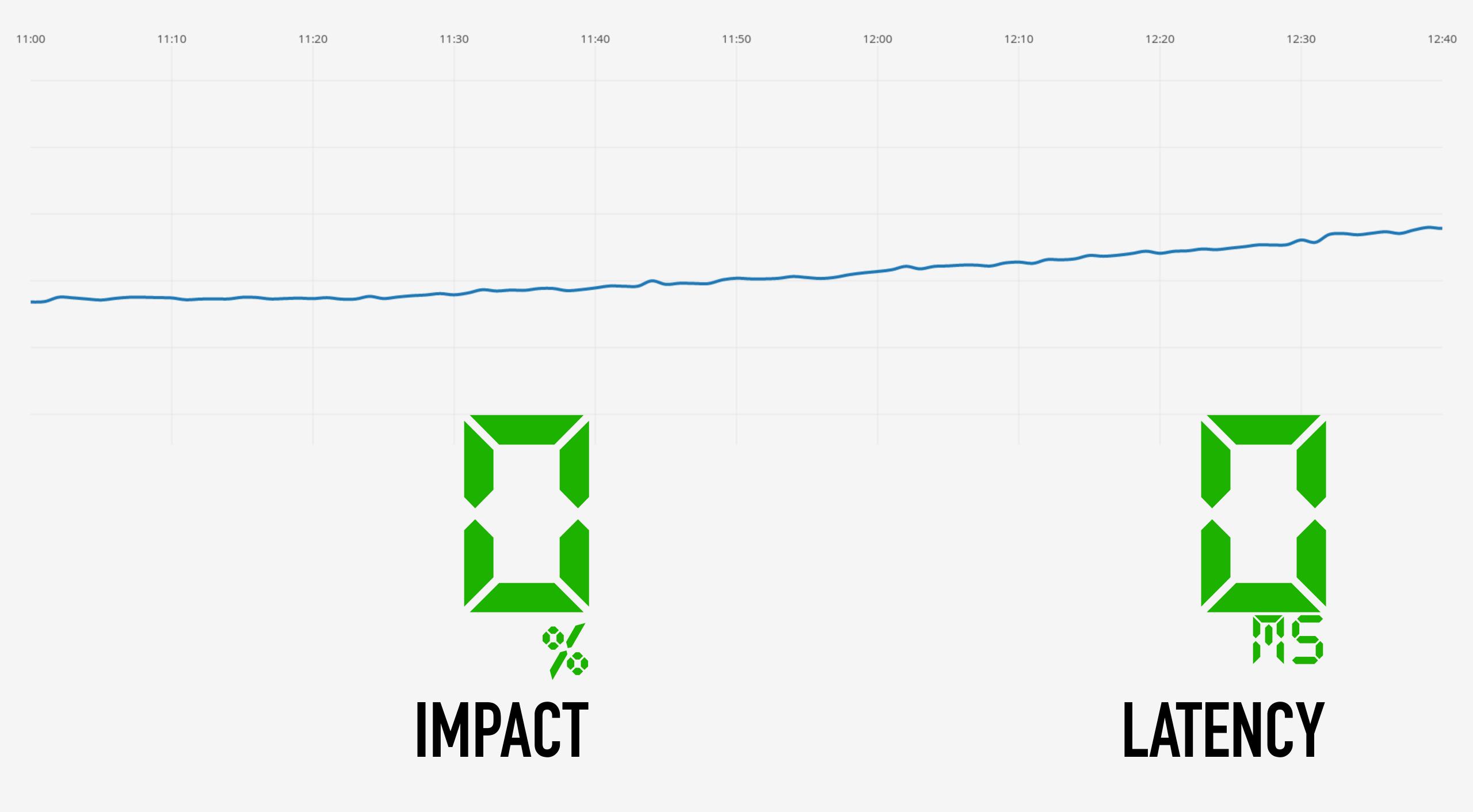


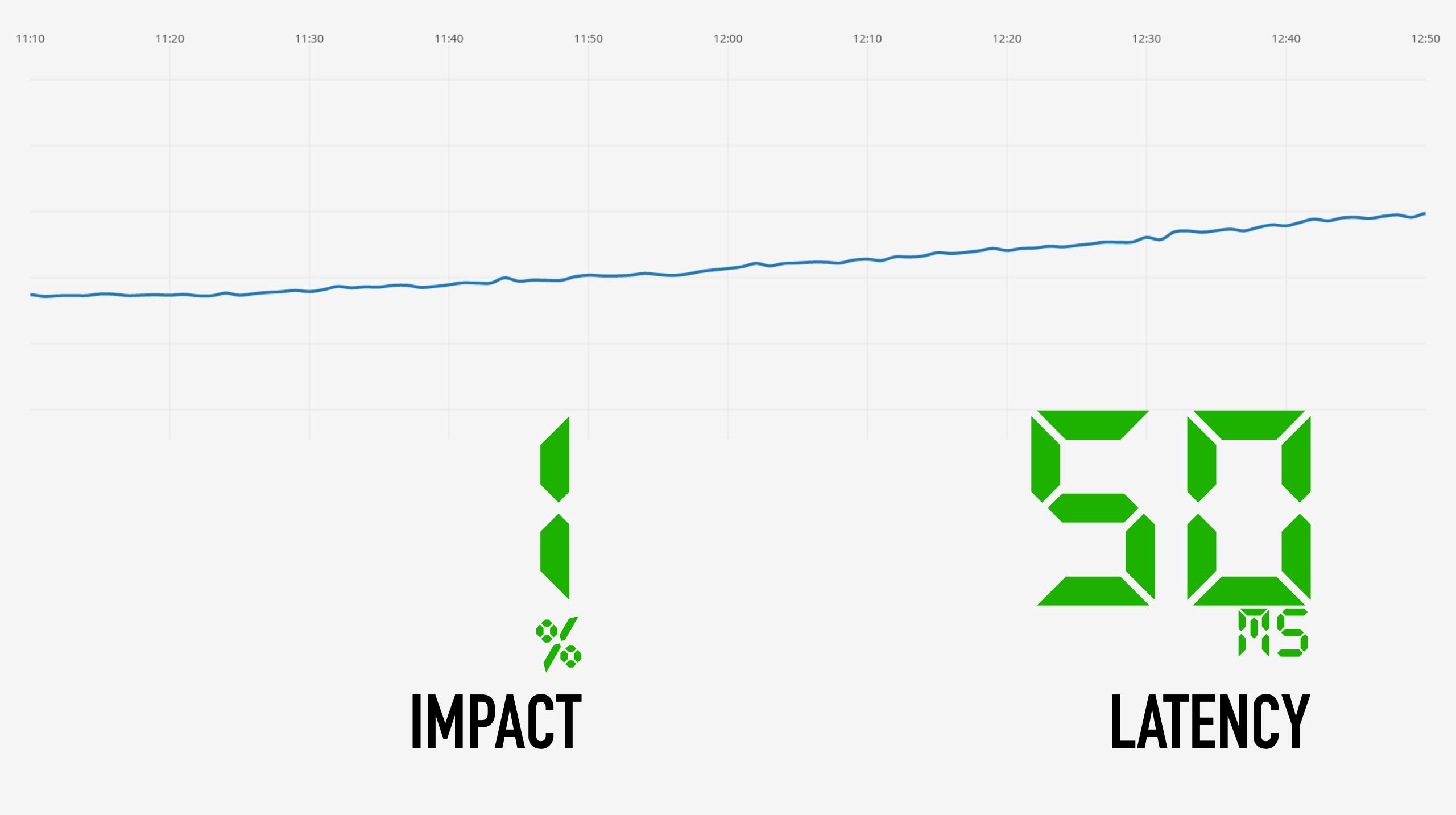


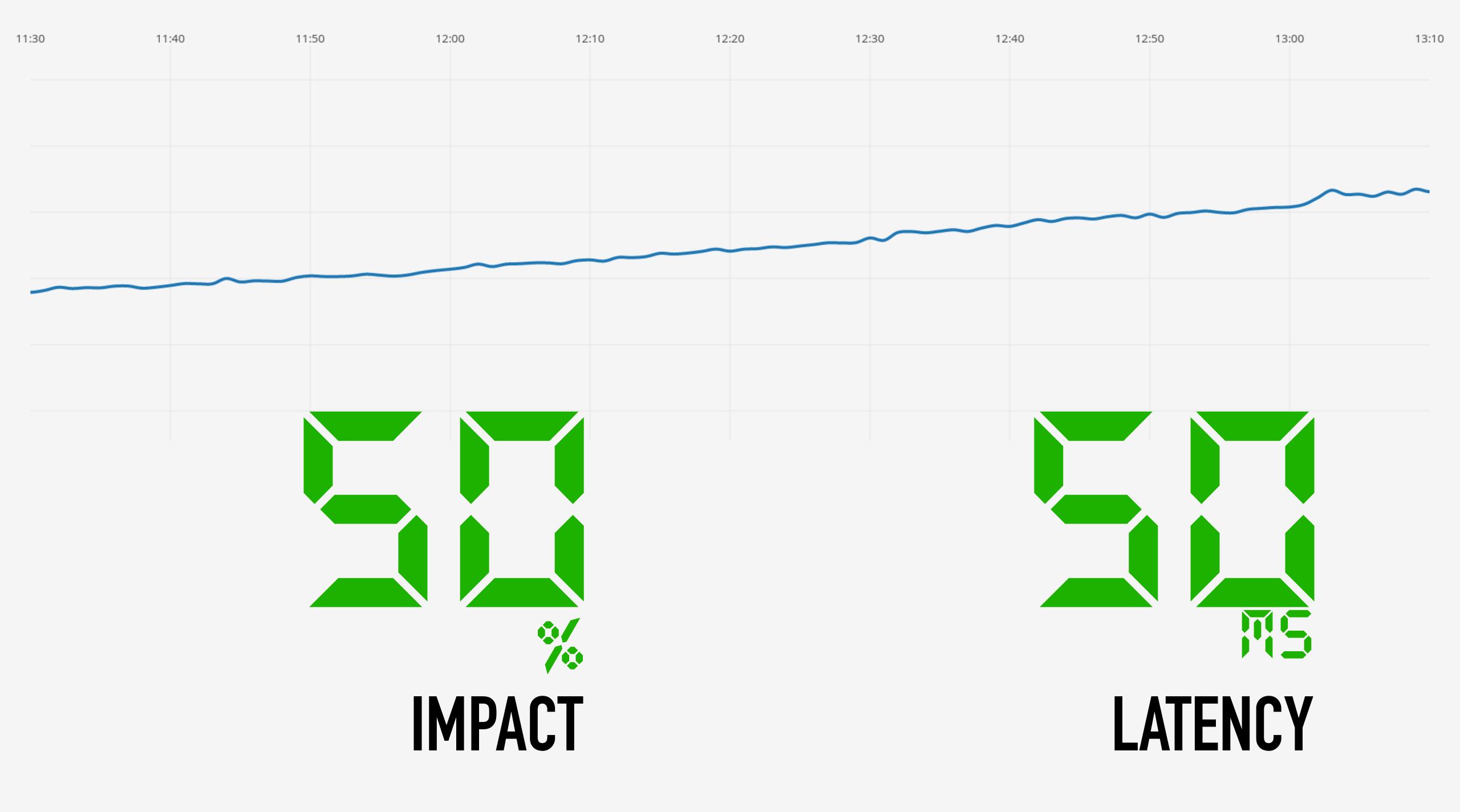


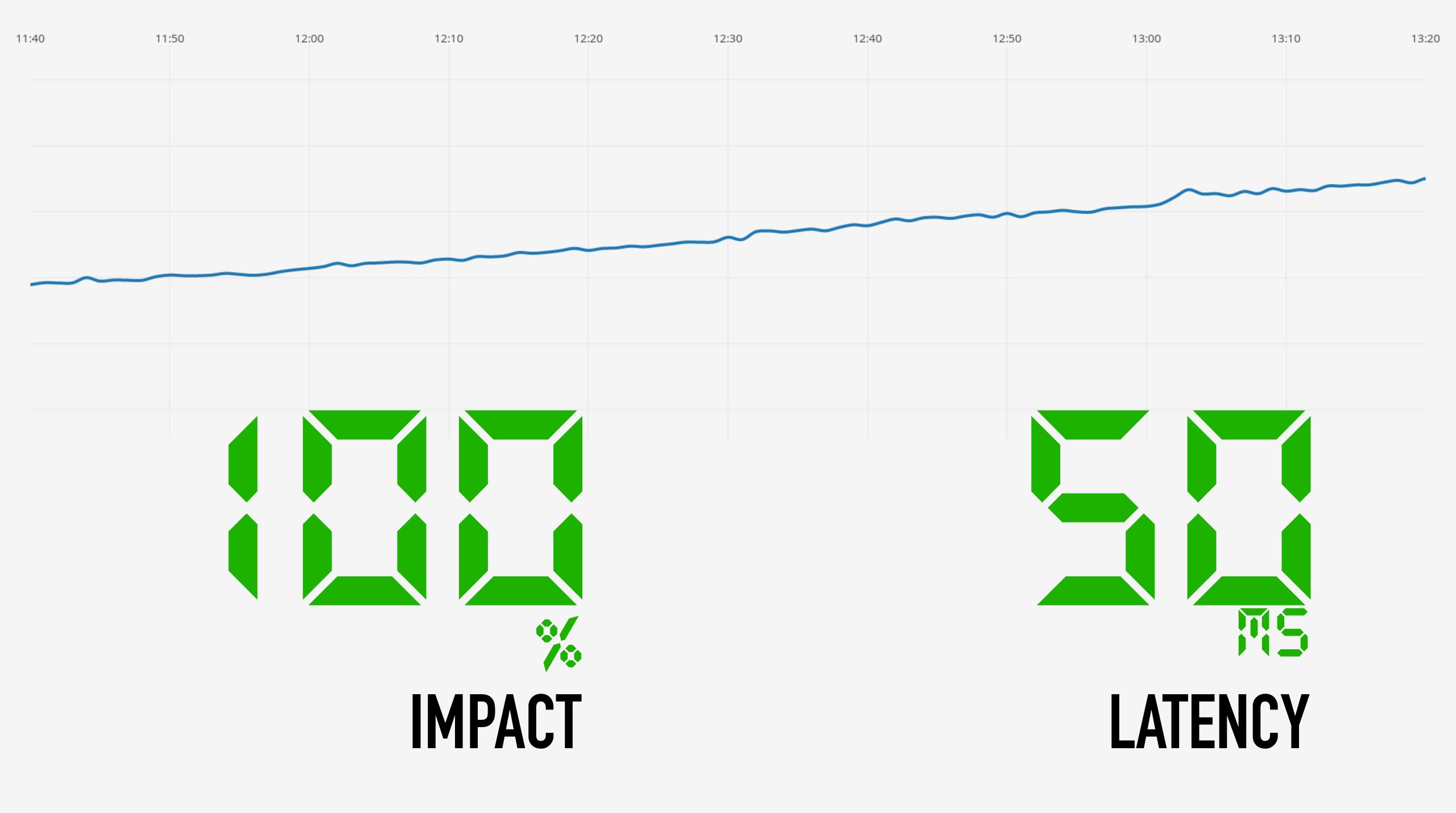


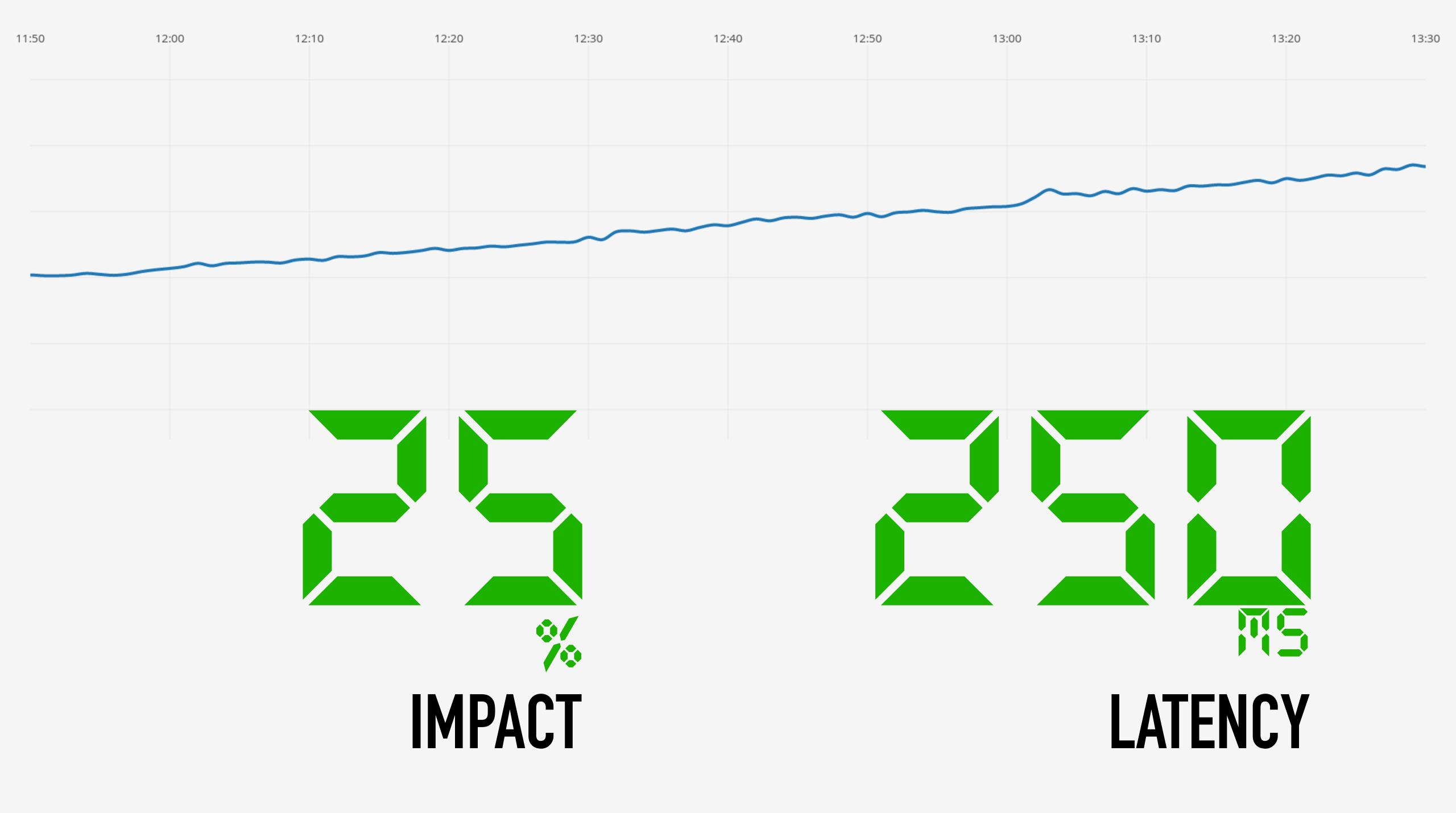


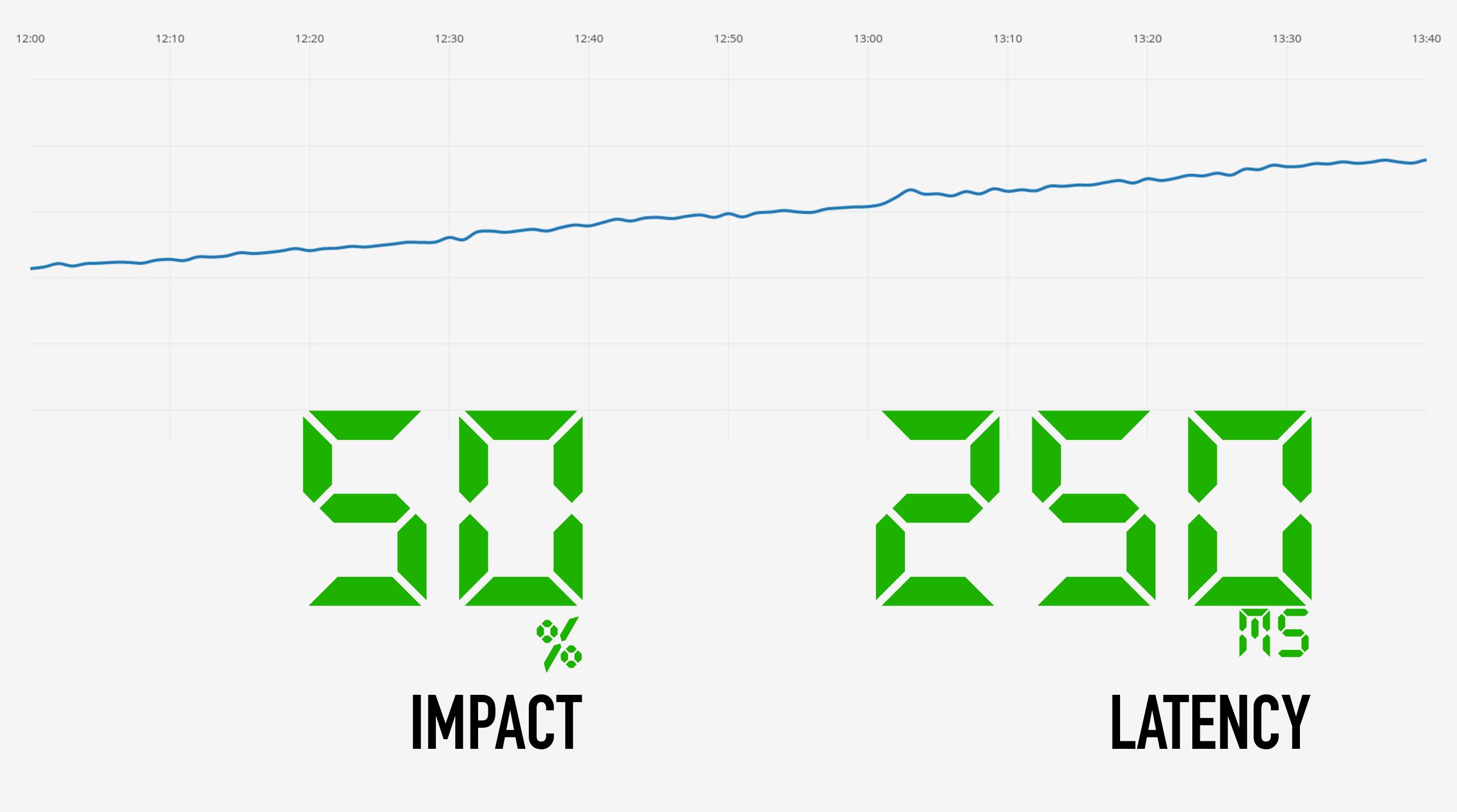


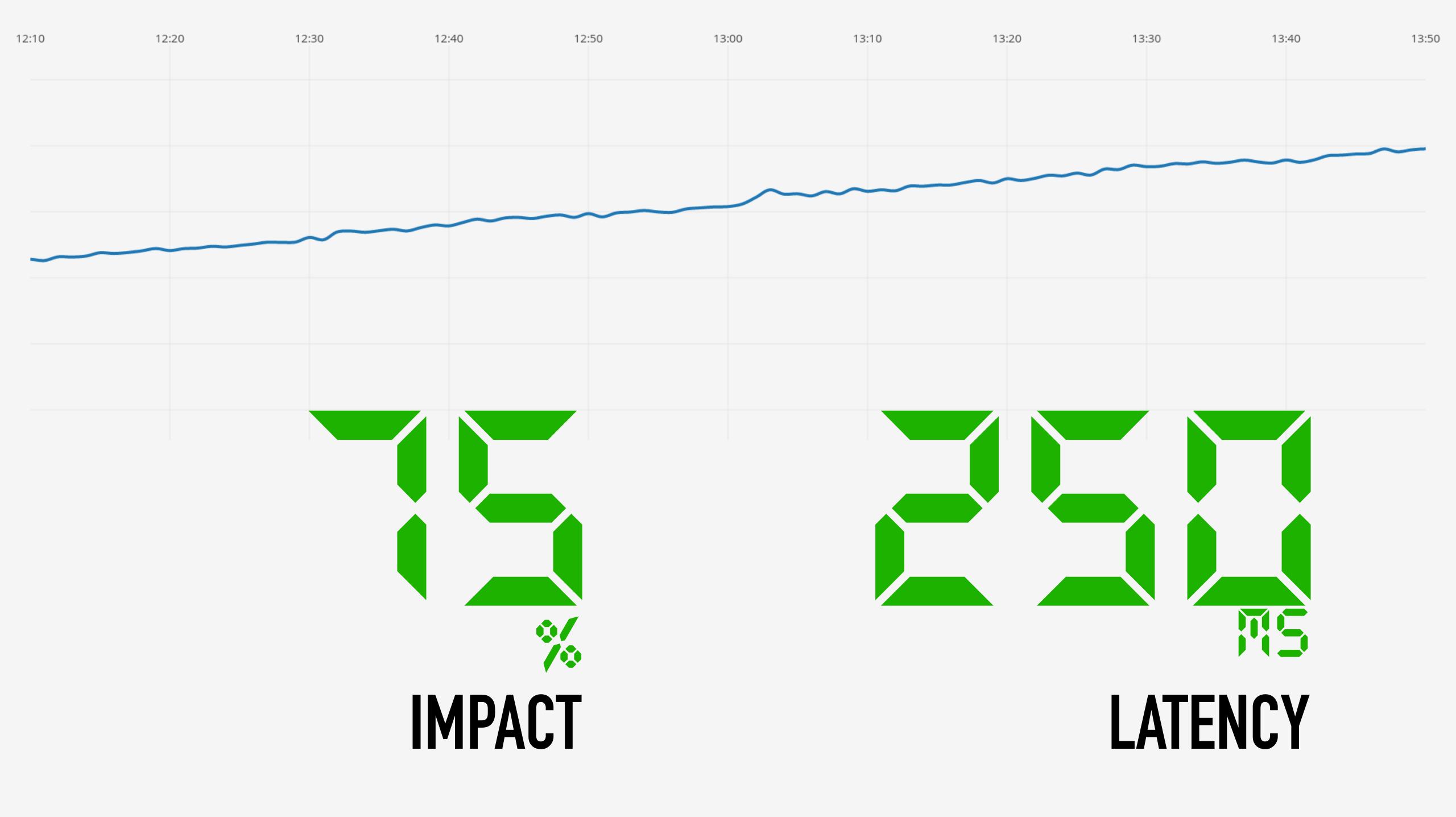


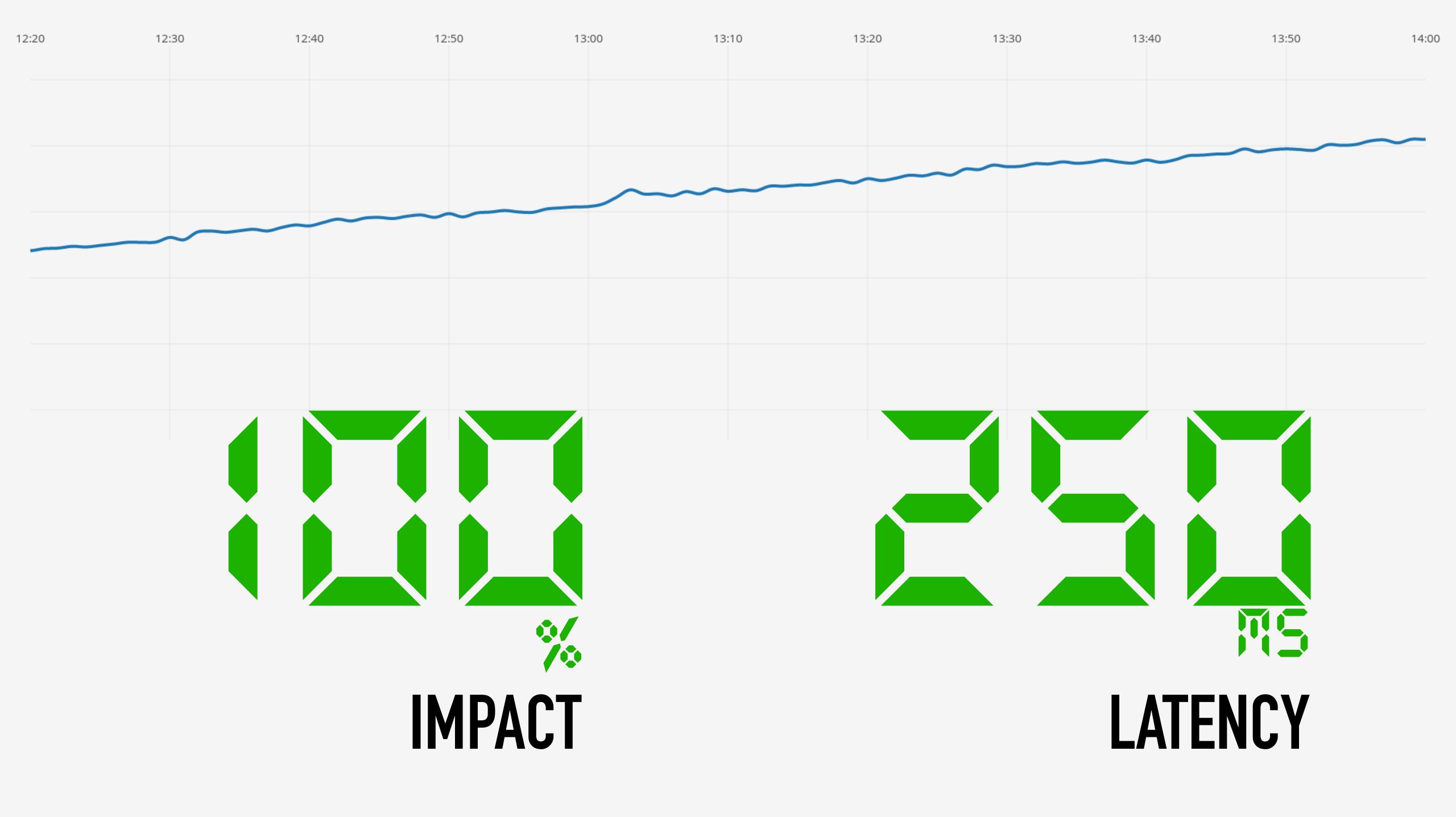


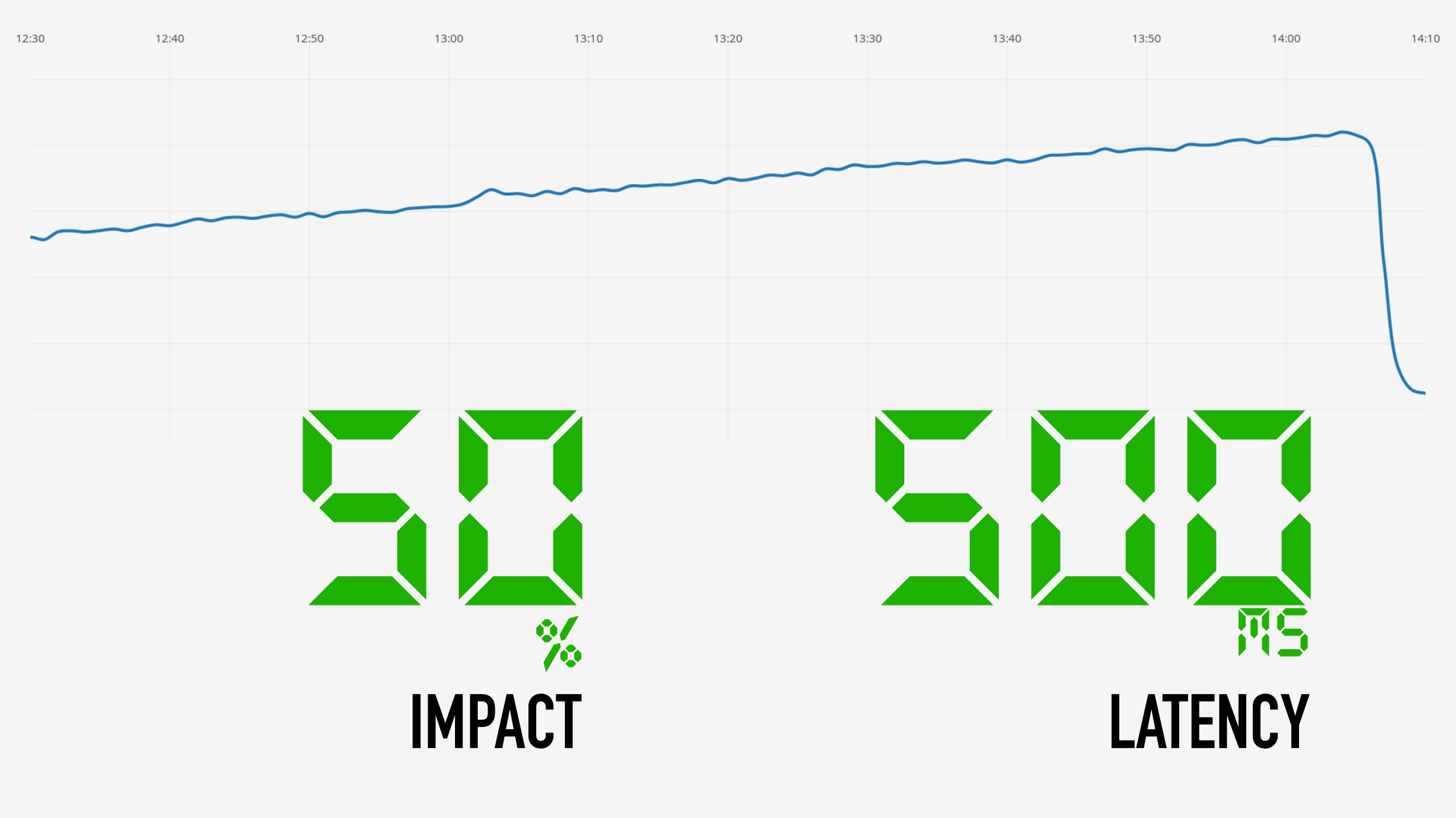


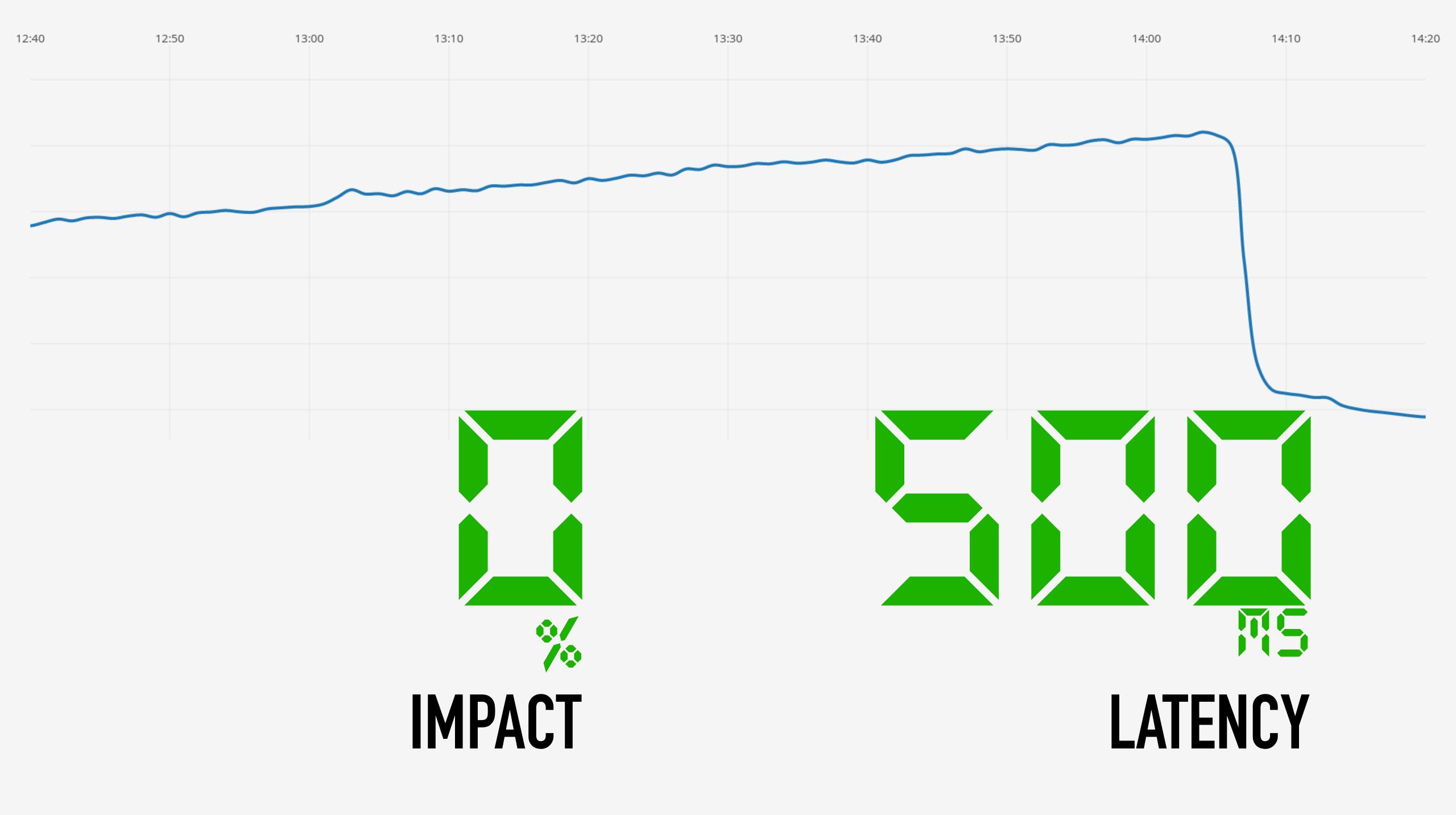


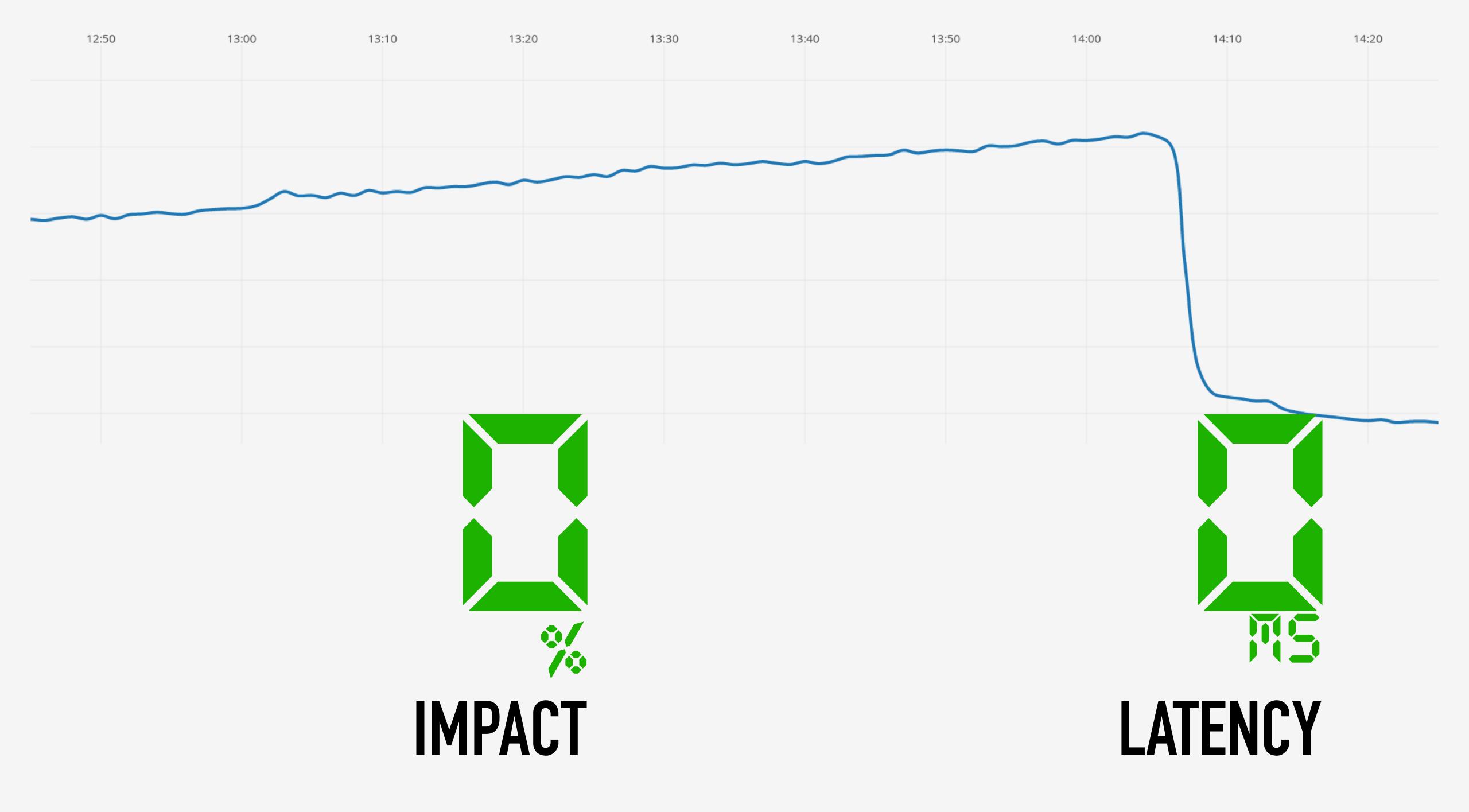


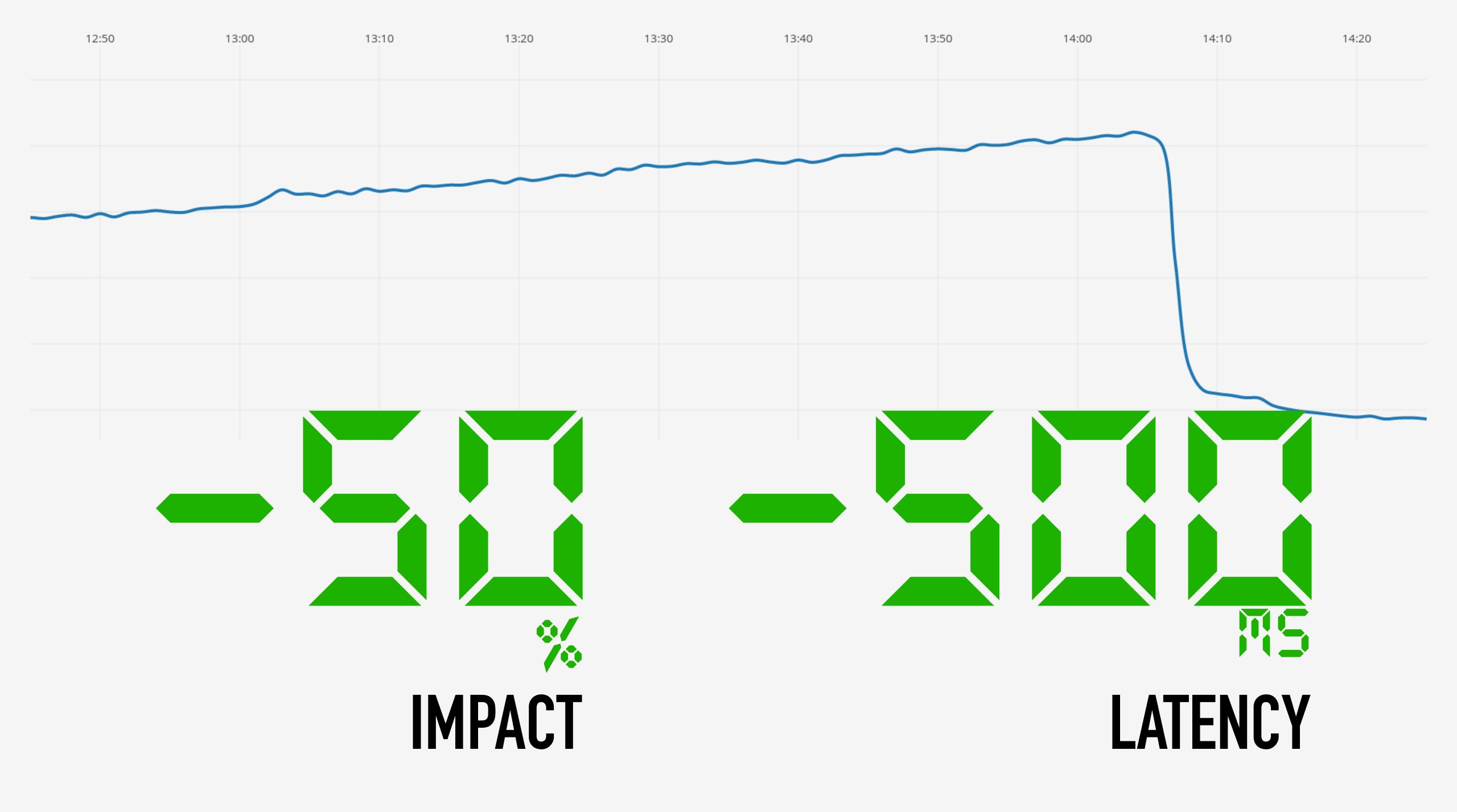


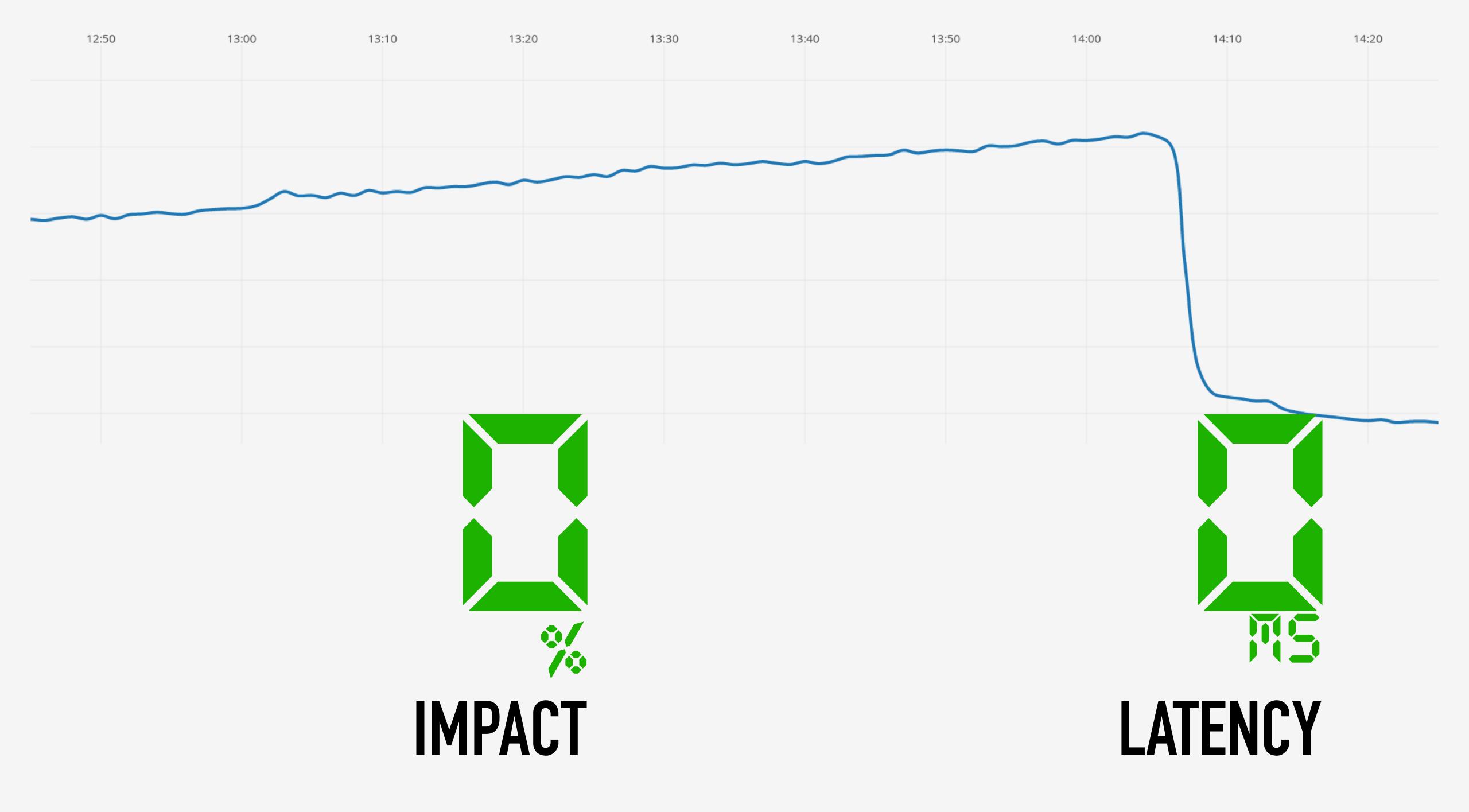












## Learnings

#### Application Behavior

Blast Radius

Consistency

#### You

#### Already Knew

All That



#### Reasonable Prevention

Reasonable Prevention

Don't Over-index

On Past Failures

Reasonable Prevention

Don't Over-index

On Future Failures

Reasonable Prevention

Don't Over-index

#### Invest in Resilience

Invest in Resilience

New Features

Invest in Resilience

Codify Good Patterns

Invest in Resilience

More Chaos

#### Expect Failures

Expect Failures

Maen not if

Expect Failures

Recovery > Prevention

a Netflix Velocity

#### Goals

Goals

Short

Goals

unique

Goals

Valuable

#### Experts

## Failure Experts

#### CORE SRE

Before Incidents

Setting

Expectations

Before Incidents

Education

& Outreach

## During Incidents

During Incidents

Coordination

During Incidents

Communication

After Incidents

Memorialization

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#### Thank You!

Dave Hahn

dhahnanetflix.com

arelix42