

# Cranes Case Study



**Increased** crane productivity  
by **53%**

## Client cancelled the order for a fourth crane

### Situation:

#### Crane bottleneck

11 story mixed-use development site was severely constrained by crane productivity. Subcontractors were concerned they were losing money due to inconsistent material supply. A fourth crane was ordered, but there was still apprehension this would solve the problem.

### Solution:

#### Crane planning

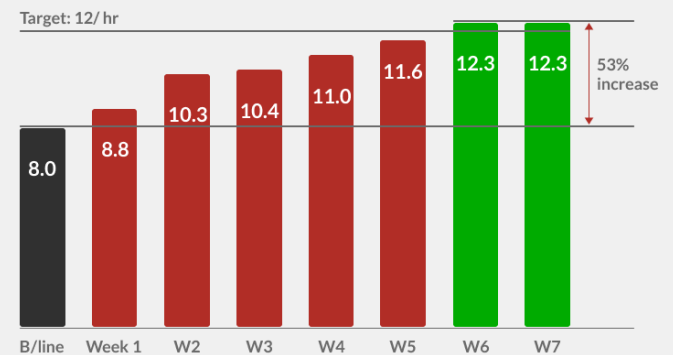
With LinkNBuild, a crane plan was developed each day, shared with operators / stakeholders and reviewed daily/weekly. The simple interface meant that unskilled operators were up and running in 2 days, and planners in 1 day.

### Results:

#### Increased productivity

Peak crane productivity increased by 53% and the 4th crane wasn't required. Additionally subcontractors had more consistent workflow (via material availability) and informal meeting requirements were significantly reduced. Ancillary benefits included forced planning and highlighting of subcontractors who dominate crane time with 'urgent' orders.

#### Crane loads per hour



## Eliminated capacity constraints and saved money



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