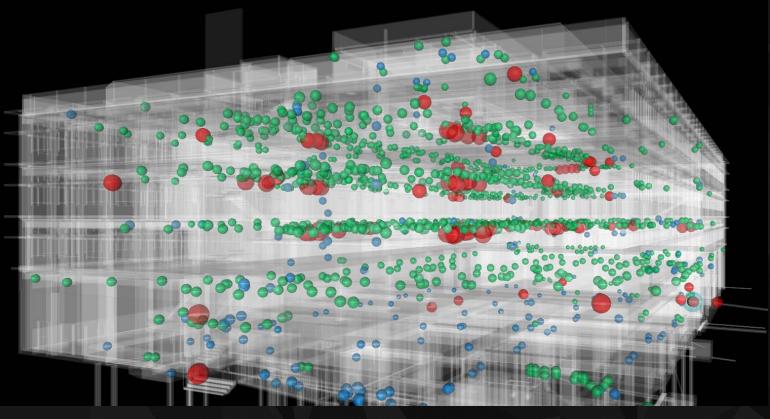


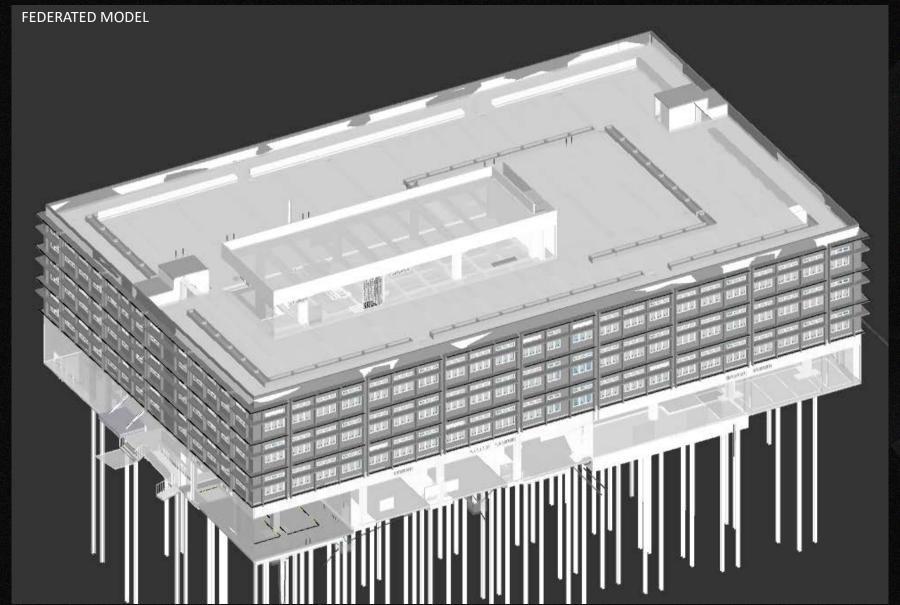
Advanced Construction Information Development Ltd.

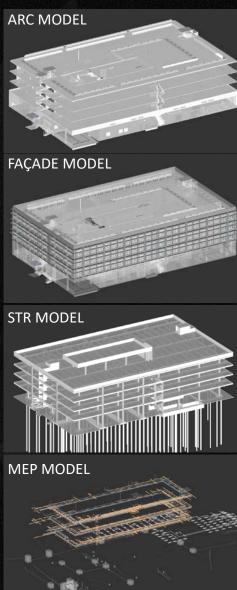


# **CLASH RANKING TOOLS**

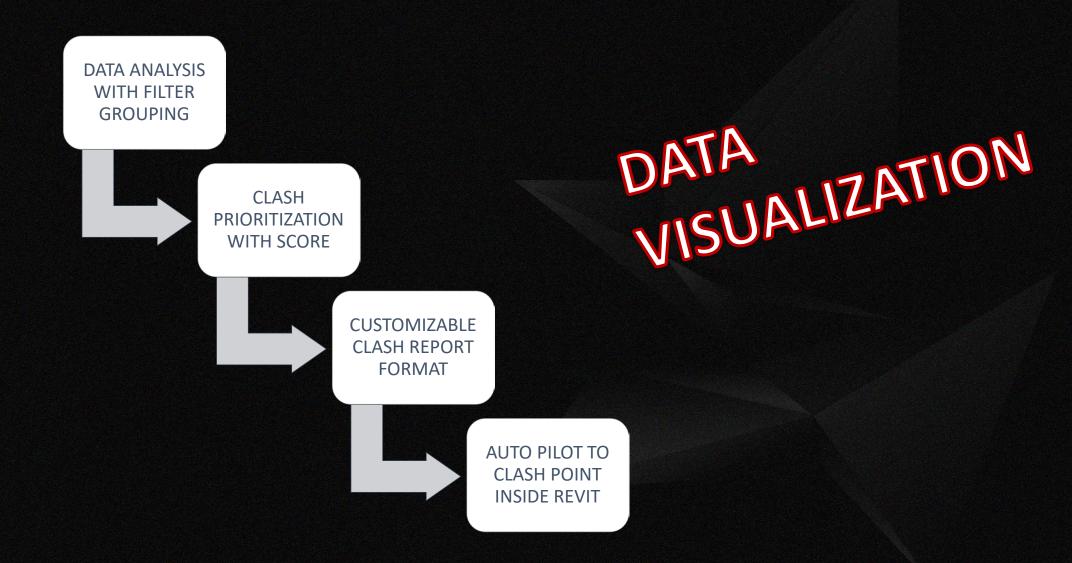
ADD IN TOOLS BASE ON NAVISWORKS

## PRE-TENDER STAGE CLASH ANALYSIS





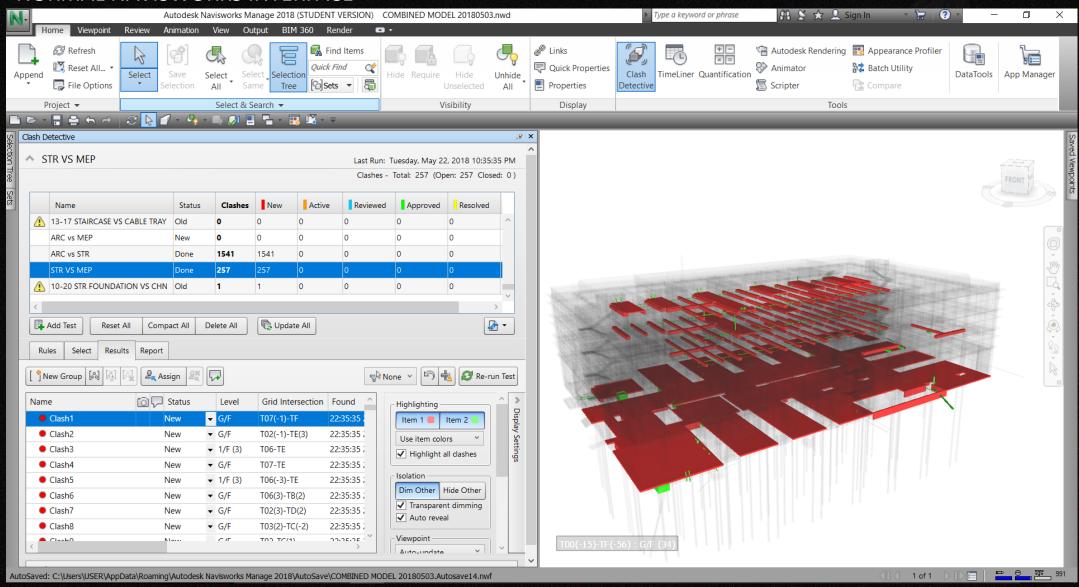
### **CLASH TOOLS ADD IN TO IMPROVE CLASH ANALYSIS**





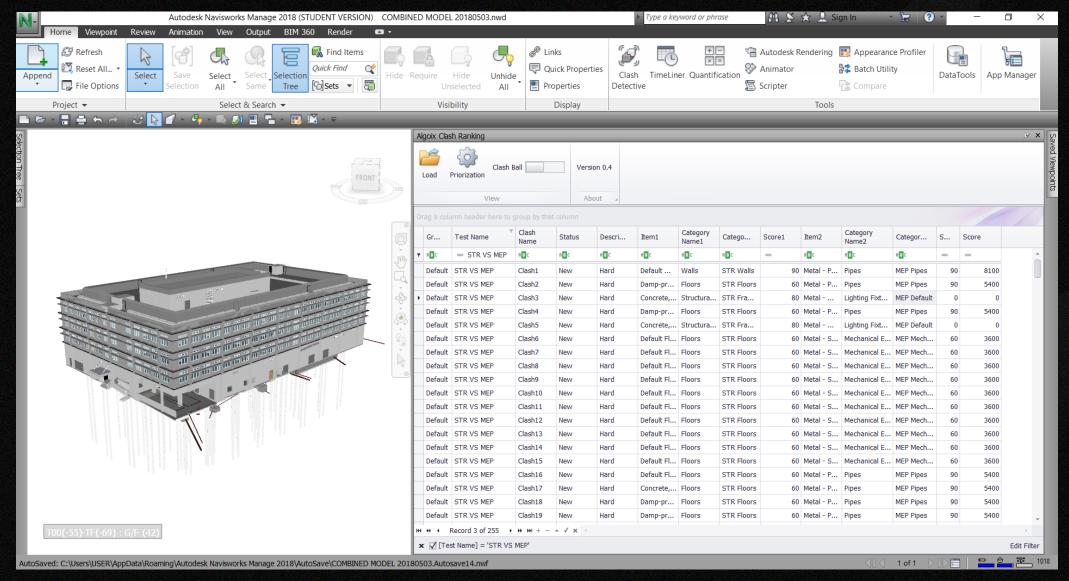
#### NORMAL NAVISWORKS CLASH ANALYSIS

#### NORMAL NAVISWORKS INTERFACE



#### CLASH ANALYSIS TOOLS ADD-IN CLASH RANKING

#### LOAD CLASHES FROMWITH NAVISWORKS

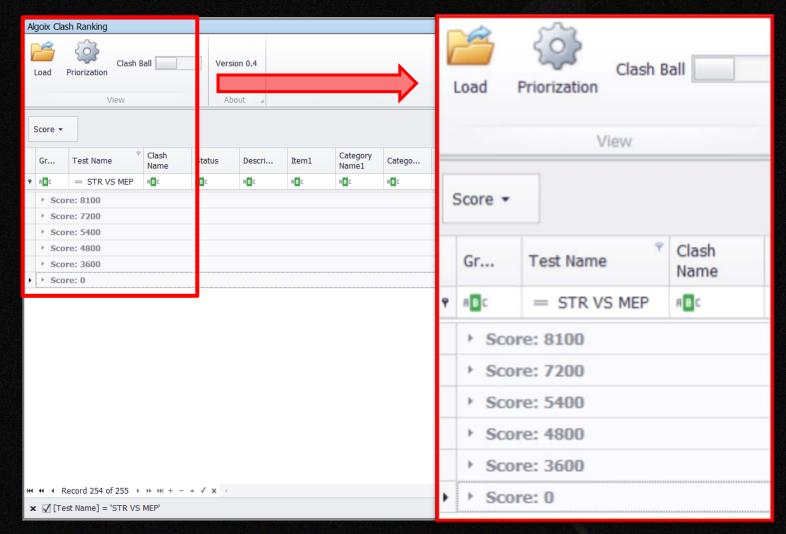


### **CLASH PRIORIZATION**

#### PRIORITIZATION SCORE SETTING



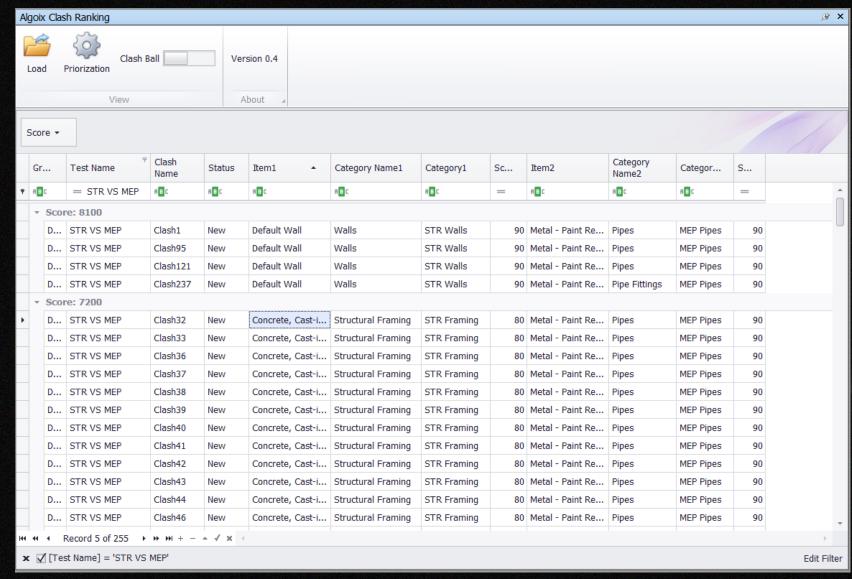
#### **CLASHES GROUPING BY SCORE**





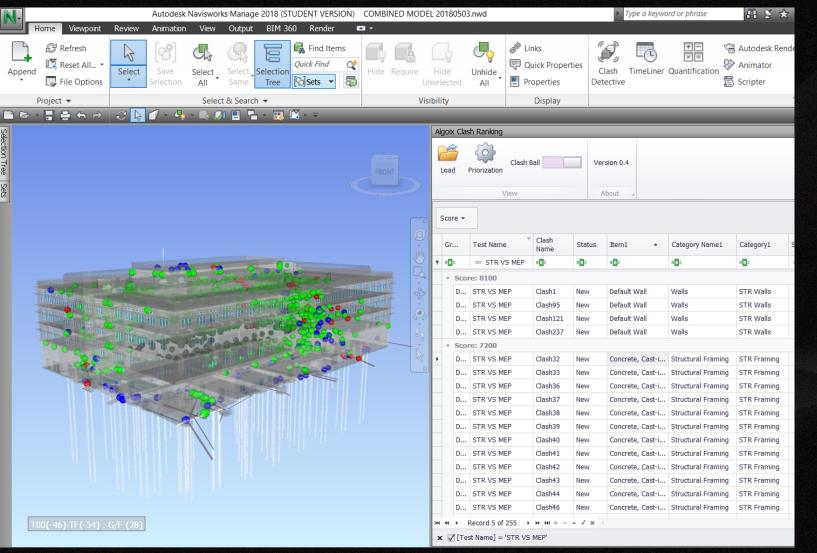
### CLASH RESULT LOAD FORM WITHIN NAVISWORK CLASH ANALYSIS RESULT

#### CLASHES GROUPED BY SCORE, REIVEW CLASHES FROM HIGHEST SOCRE



### **CLASH VISUALIZAION WITH CLASH BALLS**

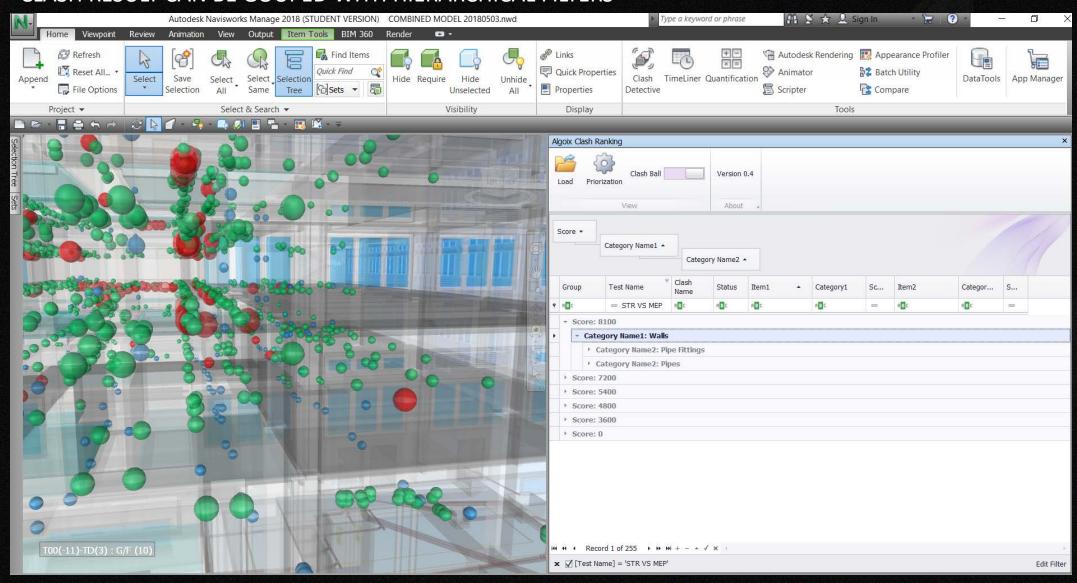
#### CLASH BALLS CREATED AT CLASH POINT (X,Y,Z) HIGHLIGHT CLASHES





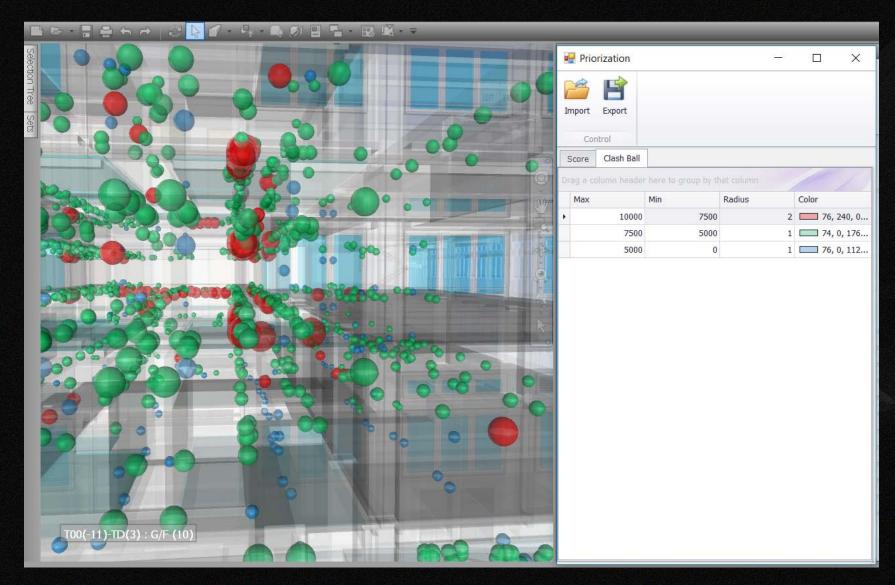
### CLASH VISUALIZAION WITH CLASH BALL

#### CLASH RESULT CAN BE GOUPED WITH HIERARCHICAL FILTERS

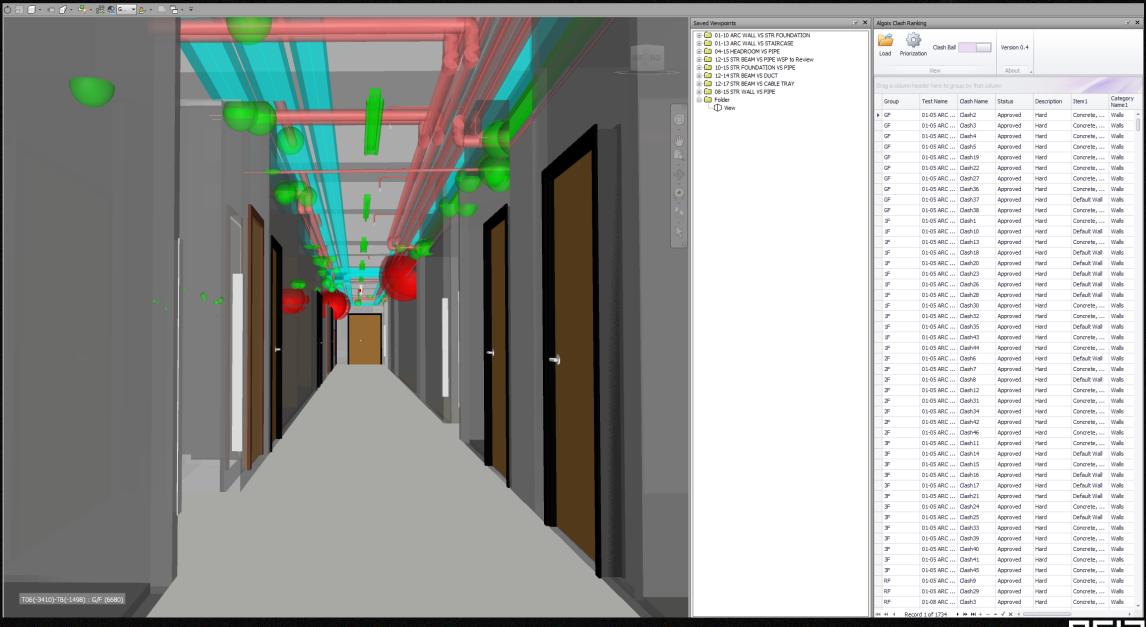


### CLASH VISUALIZAION WITH CLASH BALL

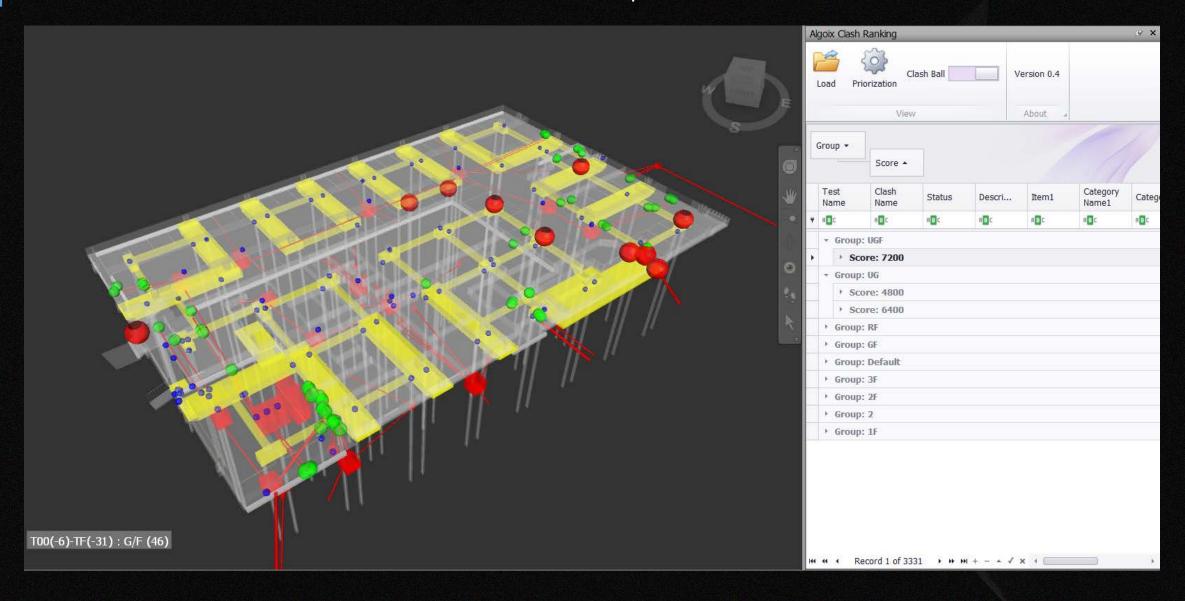
CLASH BALLS IDENTIFY CLASH SEVERITY BY COLOR RED AS MAJOR GREEN AS MINOR AND BLUE AS ERRONEOUS



### CLASH BALLS REVIEW CLASHES WHEN CONDUCTING VISUAL CHECKING



## CLASH BOOLS AT CLASH POINTS INTUITIVELY, FACILITATE COORDINATION MEETING



# THANK YOU!