

Smart buildings are coming that will do everything from recognizing when a tenant needs to order groceries to ordering an Uber with a vocal command.



Hudson Yards is creating a vacuum system to take trash underground for disposal. While the system works well for residential tenants, it doesn't make sense for office and retail tenants... yet.



The developers at Hudson Yards are also working on a system that will utilize information for how to reach people who are in the complex at any given time.



For instance, when a retail location wants to drive people into their shop during a slow time, a "flash sale" notification can go out to all of the people who are currently in the building.

Engineers are working on new elevator systems, including a twin elevator system, where two independent elevators would run independent of each other in the same elevator shaft. That will create more efficiency in moving people, while using less rent-able space.



Power resilience is a leading topic in engineering innovation right now. Instead of just putting in a backup generator, more buildings are seeing co-gen systems being installed in order to provide backup power and energy sharing.



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