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RUDIN MANAGEMENT TO ROLL OUT ENERGY SAVING Di-BOSS™ BUILDING OPERATING SYSTEM AFTER SUCCESSFUL PILOT STUDY

The global technology company [Selex ES](#) of Finmeccanica announces that [Rudin Management](#), one of the largest privately held property management companies in NYC, will deploy the [Di-BOSS™](#) digital building operating system in 14 additional commercial properties following positive pilot tests in two of Rudin's largest NYC buildings. The Di-BOSS operating system is a joint development of Selex ES, Rudin Management, and [Columbia University's](#) School of Engineering and Applied Science.

“Rudin’s success has clearly validated Di-BOSS’s unique benefits,” says Bill Nieuwkerk, Chief Executive Officer of Selex ES’ North American subsidiary managing the Smart Building program. “Selex ES, Rudin, and Columbia developed this revolutionary building operating system collaboratively and organically ‘from the engine room out’. Rudin then demonstrated that the system worked as designed in large commercial properties, giving Di-BOSS instant credibility in the market.”

Di-BOSS brings several unique features to the building operating system market. First, it is “system agnostic” and interfaces seamlessly with a building’s systems. Di-BOSS integrates these systems into one, easy-to-use, cockpit style control panel to provide comprehensive, real time data. Second, Di-BOSS tracks energy use by tenant, providing tenants with more control over costs as well as savings opportunities. Online portals give tenants visibility of energy consumption versus other tenants and properties. Third, Di-BOSS features continuous feedback loops that generate data for optimal efficiency decisions. Fourth, Di-BOSS’s unique technology ties energy consumption to occupancy for even more effective planning.

John Gilbert, EVP and COO at Rudin Management, says, “Our Di-BOSS pilot tests generated compelling savings immediately, almost \$500K at one building in six months. Di-BOSS provided data that allowed our tenants to save energy and money, too. Controlling costs and conserving energy are key components of successful tenant retention.”

Di-BOSS is “smart” and learns by continuously analyzing readings from multiple systems. Di-BOSS generates predictive models that forecast energy needs and recommend settings, building schedules, and other operational decisions that affect energy consumption. The system flags variances between expected and actual consumption that can then be investigated for correction. The feedback loops programmed in Di-BOSS™ enable the system to predict adverse conditions such as power grid failures and allow building managers to act in advance to put security measures into place to minimize the impact on occupants.

www.di-boss.com

Contact:

[Nate Maloney](#)

518-495-2288, nate.maloney@elsag.com

About SELEX ES

SELEX ES, Selex ES, a Finmeccanica company, is an international leader in electronic and information technologies for defense systems, aerospace, data, infrastructures, land security and protection, and sustainable solutions. From the design, development and production of state-of-the-art equipment, software and systems to through life support, Selex ES partners with its customers to deliver the information superiority required to act decisively, complete missions, and maintain security and protection for operational effectiveness. Selex ES is an integrated global business with a workforce of approximately 17,700 and total revenues in excess of €3.5 billion. With core domestic operations in Italy and the UK, the company also has a strong presence in the United States, Germany, Turkey, Romania, Brazil, Saudi Arabia and India. For more information, www.selex-es.com

About Rudin Management

The Rudin family has owned New York City real estate for more than 100 years. Family-run since its founding, the family's real estate holdings rank as one of the largest and most respected privately owned portfolios in New York City. Among its holdings are 17 office buildings containing approximately 10 million square feet of space and 21 apartment buildings comprising more than four million square feet of residences. The Rudin family is committed to developing sustainable real estate that is respectful of its environment and surrounding community. For more information, visit www.rudin.com.

About Columbia Engineering

Dr. Anderson's team at the Center for Computational Learning Systems in the Fu Foundation School of Engineering and Applied Science of Columbia University in the City of New York encompasses exploration of next generation software and Machine Learning systems to control electric grids, manufacturing operations, and the recharging of fleets of Electric Vehicles. His team specializes in the Smart Grid, Smart Cities, Optimization of Control Center Operations of Energy Companies, Real Options and Portfolio Management, as well as 4D Reservoir Management and Hydrofracking in the oil and gas industry, as well as Alternative Energy Research. See <http://eesc.columbia.edu/faculty/dr-roger-n-anderson> and <http://ccls.columbia.edu>. Dr. Anderson's team is also affiliated with Columbia's Earth Institute and Institute for Data Sciences and Engineering.

Columbia University's Fu Foundation School of Engineering and Applied Science, founded in 1864, offers programs in nine departments to both undergraduate and graduate students. With facilities specifically designed and equipped to meet the laboratory and research needs of faculty and students, Columbia Engineering is home to NSF-NIH funded centers in genomic science, molecular nanostructures, materials science, and energy, as well as one of the world's leading programs in financial engineering. These interdisciplinary centers are leading the way in their respective fields while individual groups of engineers and scientists collaborate to solve some of modern society's more difficult challenges. <http://www.engineering.columbia.edu>