GRÜNE ANTWORT #INTELLIGENTSOLUTIONS





ÁRKOSSY MÁTÉ CEO



DEMJÁN ZSOLT CTO





VIGH PÉTER BUILT AUTOMATION DIVISION MANAGER AUTOMATION ENGINEER

VITÉZ TAMÁS TECHNOLOGICAL EXPERT

GRÜNE ANTWORT



BUILDING AUTOMATION



ENERGYCLIPPER

CUSTOM BUILDING AUTOMATION SYSTEM INTEGRATION

STANDARD SIEMENS BUILDING AUTOMATION

BUILDING AUTOMATION STRATEGY

ELECTRICAL INSTALLATION, PRODUCTION



ELECTRICAL INSTALLATION

ELECTRICAL CONTROL CABINET-PRODUCTION OTHER FEATURED PRODUCTS



CLEANROOM MONITORING SYSTEM OPTIMIZING CONTRACTED POWER IRMA - MAINTENANCE ASSISTANT MANDATORY ELECTRICAL SUB-METERING SELLING AND INSTALLING ELECTRIC CAR CHARGERS AND ACCESSORIES

THE IMPACT OF SMART DEVELOPMENTS

ENERGY EFFICIENCY

THE IMPLEMENTATION OF SMART TECHNOLOGIES MAKES FACILITY MANAGEMENT'S WORK SIMPLER AND MORE COST-EFFECTIVE. ENERGY CONSUMPTION IS REDUCED!



FAST RETURN ON INVESTMENT

INTELLIGENT INVESTING CAN PAY FOR ITSELF IN 6 MONTHS.



REDUCING CARBON FOOTPRINT

AFTER THE PAY-OFF OF THE INTELLIGENT CONTROL THE **EXTENT OF SAVINGS** AND THE COMPANY'S **ECOLOGICAL FOOTPRINT DECREASE** SIGNIFICANTLY.

THE SMART BUILDING ONLY USES AS MUCH ENERGY AS IT NEEDS. THIS IS NOT ONLY GOOD FOR OUR WALLETS, BUT ALSO FOR THE ENVIRONMENT.

ANDRÁS MEDVECZKY, SIEMENS





WHAT CAN BE THE FIRST STEP?



SURVEY OF THE BUILDING



PREPARATION OF ENERGY STRATEGIES



EXPERTISE INVESTIGATION OF THE AUTOMATION



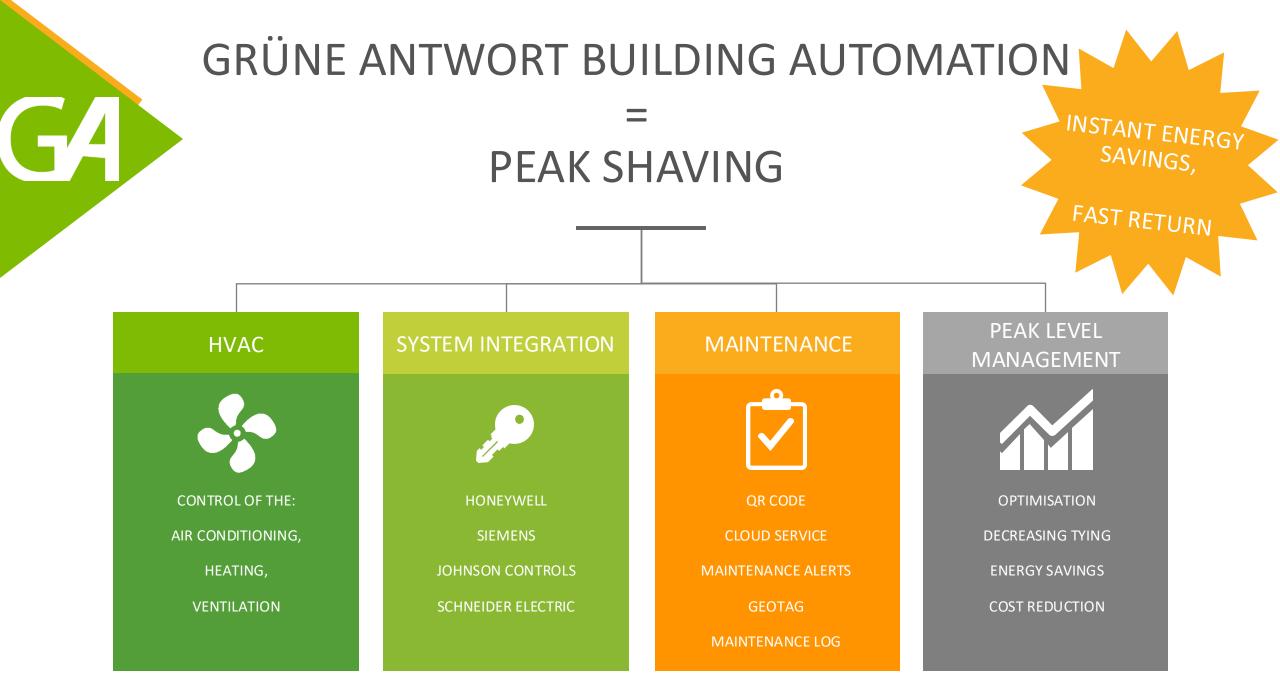
PREPARING INTEGRATION TASKS



OTHER ENGINEERING SERVICES









BUILDING AUTOMATION

SELF-DEVELOPED, CUSTOMISED SYSTEM (SOFTWARE & HARDWARE)





TRANSPARENT STRUCTURE



COMPANY-TAILORED, UNIQUE LOOK

- DIGITAL TWINS





REDUCTION OF

THE ECOLOGICAL

FOOTPRINT AND

ENERGY

CONSUMPTION

BUILDING AUTOMATION

ENERGY SAVINGS

EFFICIENCY

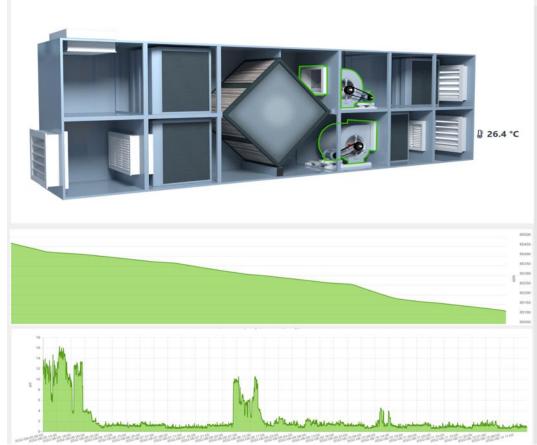
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COMPREHENSIVE INTEGRATED CONTROL SYSTEM

COMPLETE CONTROL

FULL SERVICE - FROM SURVEY TO OPERATION







IRMA MAINTENANCE ASSISTANT

A SMART SOLUTION



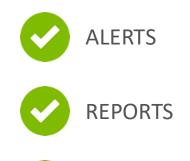


FAST RETURN ON INVESTMENT













HISTORY BOARD

SIEMENS SOLUTION PARTNER

SINCE APRIL 2020 WE ARE AUTHORISED TO SUPPLY, INSTALL, MAINTAIN AND SERVICE SIEMENS PRODUCTS



Partner Certificate

siemens.com/buildingtechnologies

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A Siemens Zrt., Smart Infrastructure, Building Products üzleti terület igazolja, hogy

a Grüne Antwort Kft.

eleget tesz a Siemens Zrt. Building Products üzleti területe által meghatározott követelményeknek terméktámogatás, know-how és az általa nyújtott szolgáltatások területén. Mindezek alapján jogosult a Siemens által Magyarországon forgalmazott alábbi termékcsoportok szállítására, telepítésére, karbantartására és szervizelésére

> Desigo CC, PX épületfelügyeleti és automatika rendszerek

Érzékelők és beavatkozók (Acvatix, Symaro)

továbbá a Grüne Antwort Kft. jogosult az alábbi cím használatára:

Siemens Building Technologies Solution Partner

Kiállítás időpontja: 2020/04/27. Érvényes a kiállítást követő 1 évig.

997

Medveczky András Business Unit Head Building Products Stipkovits Zsuzsa Business Administration Head Building Products

Solution Partner Building Technologies



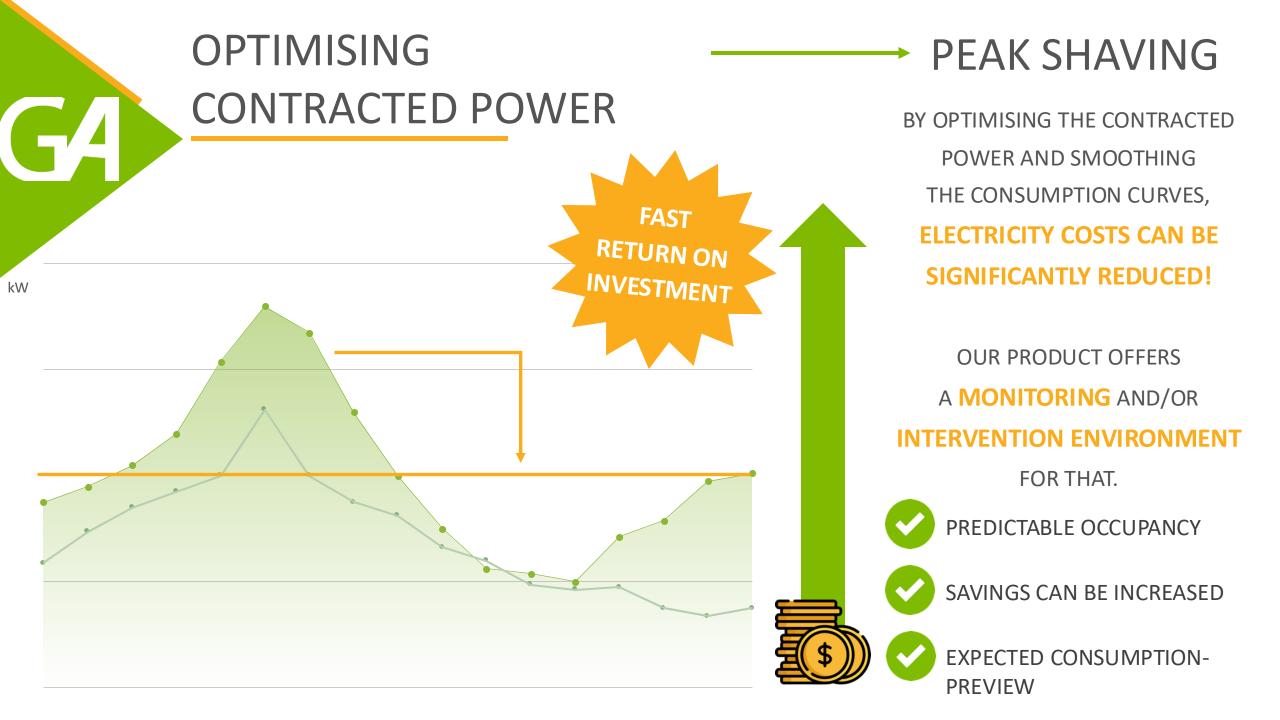
(ACVATIX, SYMARO)

Solution Partner Building Technologies



PEAK SHAVING

NT I N



ELECTRICAL INSTALLATION, PRODUCTION



ELECTRICAL IMPLEMENTATION





COMPLETE ELECTRICAL INSTALLATION



NATIONWIDE AVAILABILITY



INSTALLATION OF AUTOMATIC SYSTEMS



CONTROL CABINET-BUILDING



TRAIL CONSTRUCTION



LOW AND EXTRA-LOW VOLTAGE CONSTRUCTION, MEASUREMENT, INSPECTION

GA

ELECTRIC CAR CHARGERS AND ACCESSORIES

WWW.GRUNEKRAFT.HU/EN/



7, 11, 22 kW POWER SUPPLY

IP67 PROTECTION, INDOOR AND OUTDOOR USE

COMMUNICATION: BLUETOOTH, ETHERNET, WIFI, 4G, OCPP 1.6, MODBUS RTU

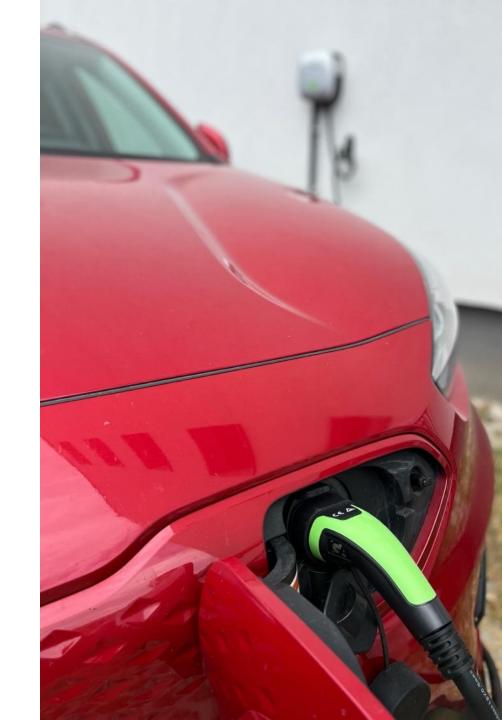


MOBILE APPLICATION, RFID CARD FUNCTION

LCD AND TOUCH SCREEN

MID MEASUREMENT





COMPULSORY ELECTRICAL SUB-METERING



SIEMENS PAC PRODUCT LINE

1/2020. (I. 16.) MEKH DECREE – INSTALLATION DEADLINE: 1ST OF JANUARY 2023.

LAYING DOWN THE INSTALLATION POINTS OF SUB-METERS TO BE INSTALLED BY THE ECONOMIC OPERATORS OBLIGED TO USE AN ENERGY EXPERT AND THE MINIMUM REQUIREMENTS FOR SUB-METERS

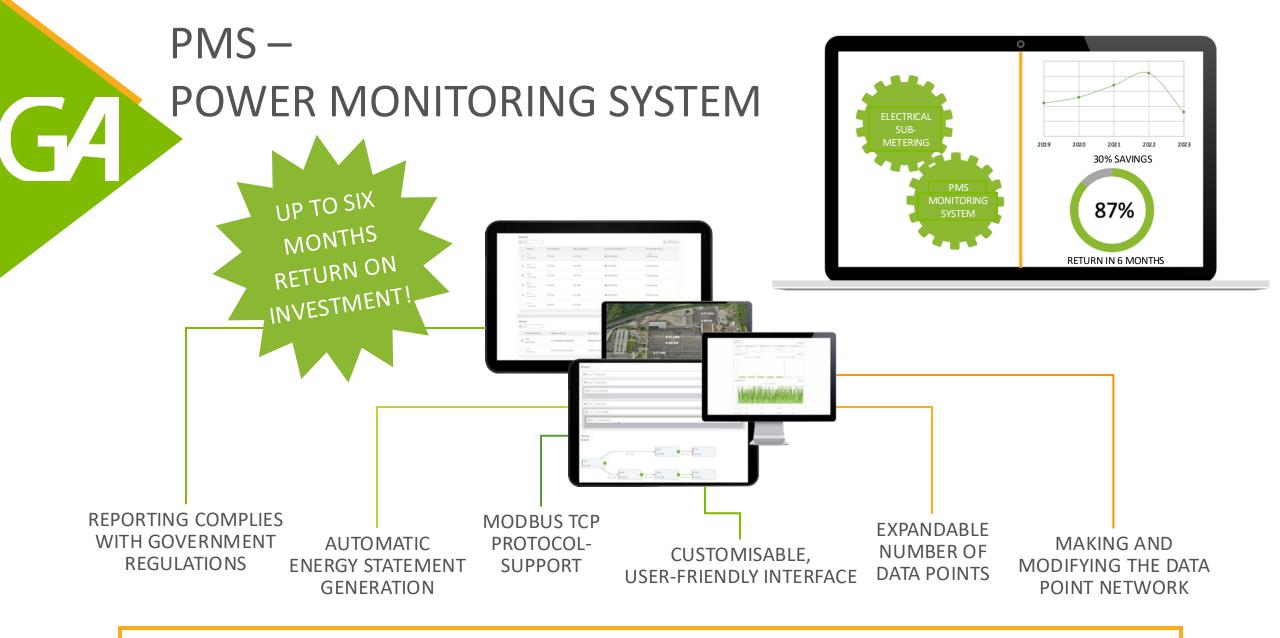




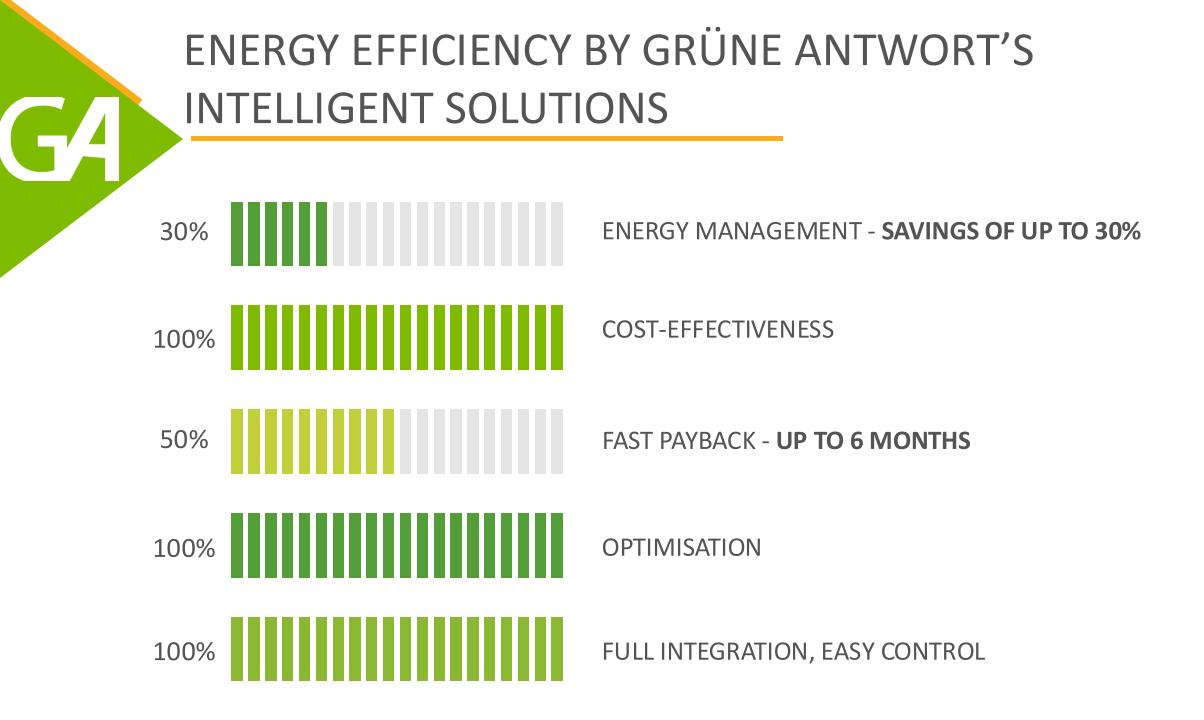
INDEPENDENT ELECTRICAL EQUIPMENT WITH A RATED POWER EXCEEDING 50 KW



70 KW OR MORE OF RATED ELECTRICAL OUTPUT FOR HEAT GENERATORS AND AIR CONDITIONERS

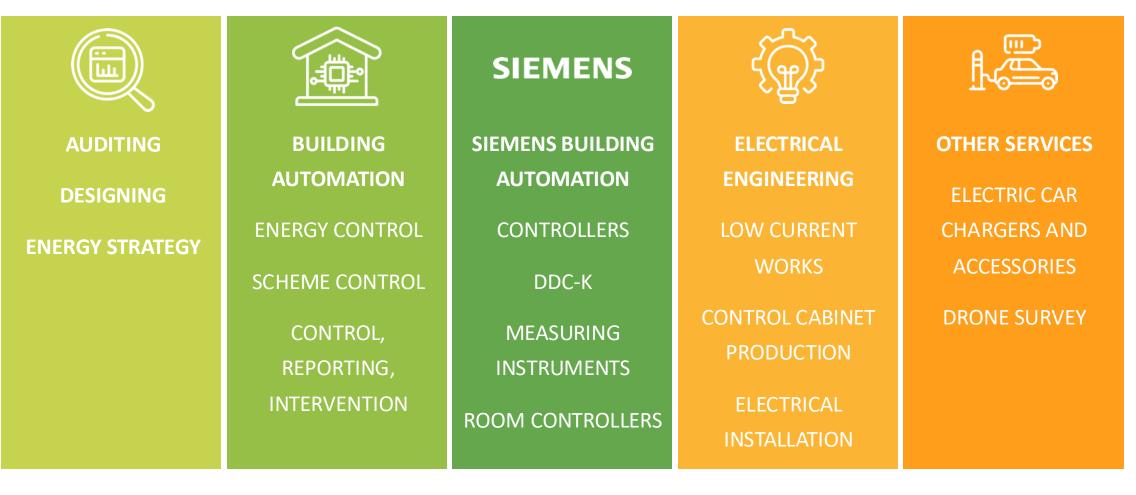


WITH OUR SYSTEM, THE SUB-METERS REQUIRED BY THE MEKH REGULATION CAN BE CONTINUOUSLY MONITORED AND MANAGED BY CONSUMPTION.



PEAK SHAVING

UP TO 30% SAVINGS, FAST RETURN ON INVESTMENT



FURTHERMORE, RETAIL CUSTOMERS AND PRIVATE CUSTOMERS





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R B A N PM

De

REFERENCES

OPEL SZENTGOTTHÁRD SINCE 2017

OPEL GERMANY

SCHOTT LUKÁCSHÁZA SINCE 2019

MÁV FMR

URBAN PM

NATIONAL INSTRUMENTS SINCE 2018

MET INVEST TIRANA SINCE 2019

EKI CREATIVE

MAGYAR KÖZÚ

TDK

SINCE 2020

SINCE 2016

SINCE 2020

SHINWA

SINCE 2022

SINCE 2021

SINCE 2016

SINCE 2020

SINCE 2022

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