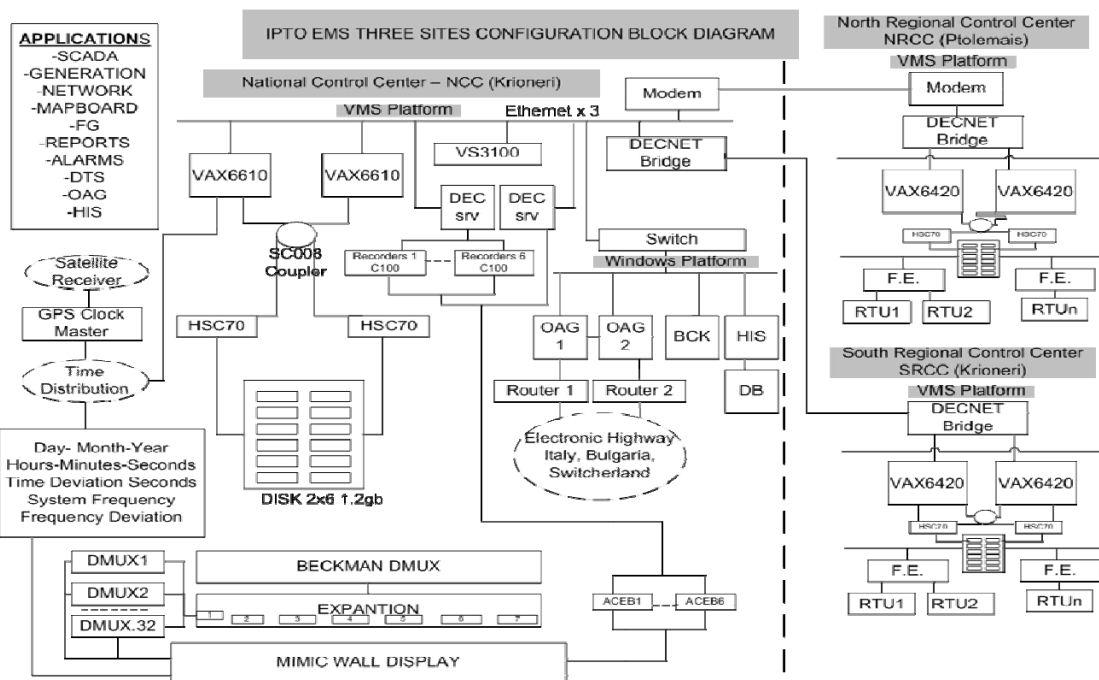
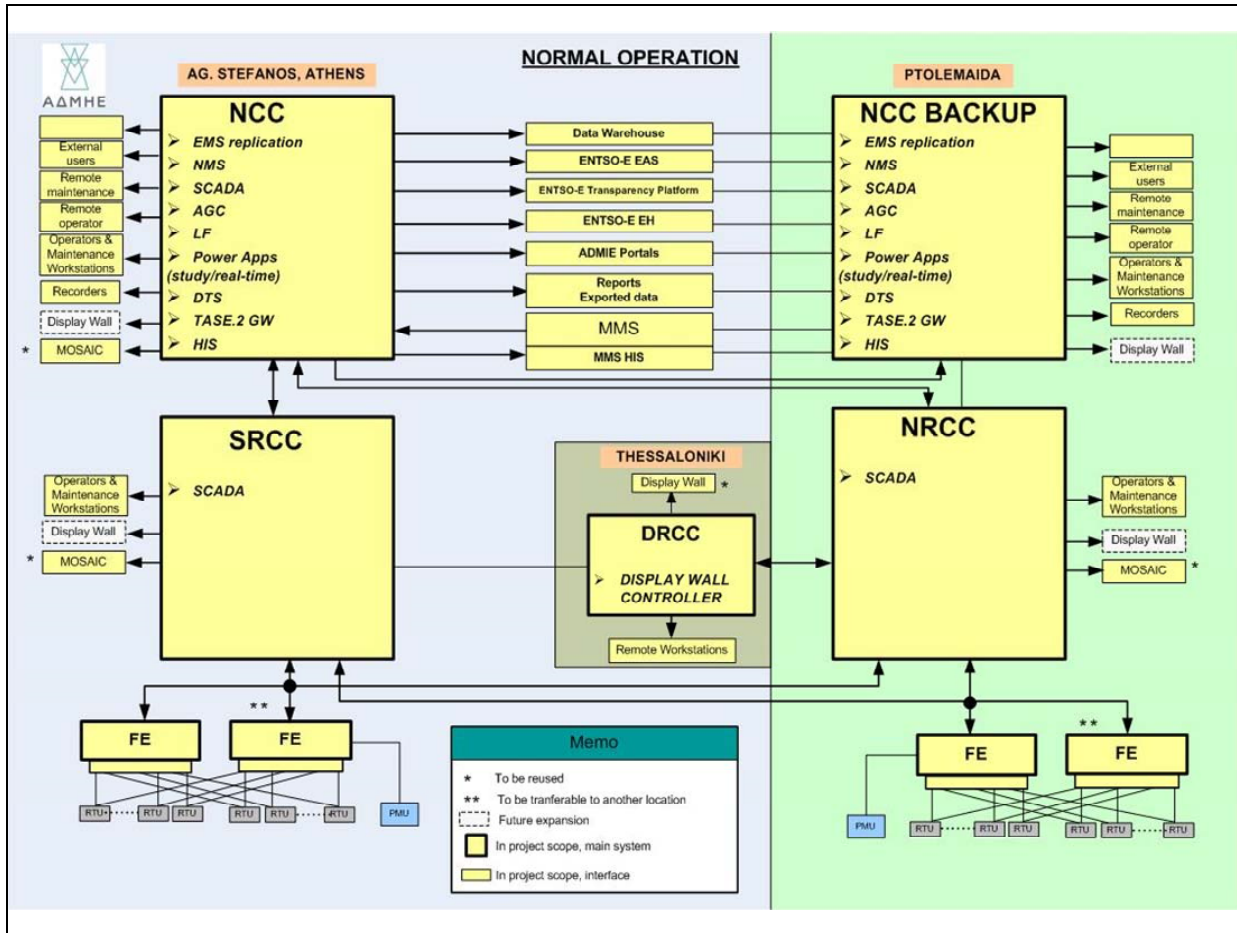


# Modernization of EMS of Independent Power Transmission Operator of Greece

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## Main benefits of new EMS

- Latest hardware technology is used.
- The capability, via multisite means, of a control center to be defined with a backup functionality for another control center (main system).
- The main system and the backup system are two autonomous and independent control centers which have identical data model and the same data volume..

- A full range of applications. IPTO's benefit: Improvement in operational efficiency and reliability.
- Supports the communication protocols IEC-101 & 104 for connecting modern RTUs.
- The new EMS complies with all relevant requirements of ENTSO-E Operational Handbook.
- Lower maintenance cost comparing to the required maintenance cost of the old EMS.