



Verne Global Overview

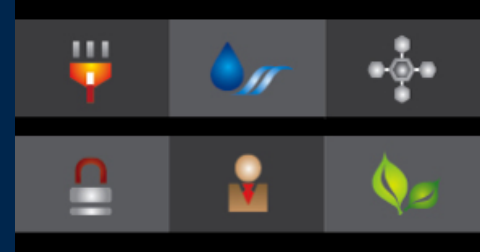
April 2010



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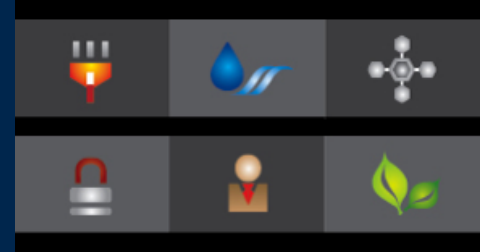
THE DATA CENTER SOLUTION





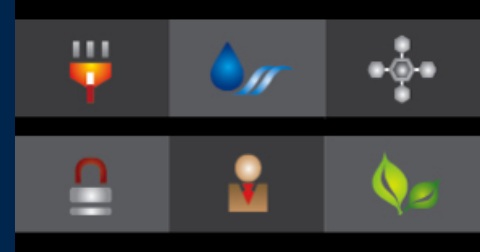
- Verne Global stofnað árið 2007
- Stærð fyrirtækisins
 - Fyrirtækið er í dag með starfsemi á Íslandi, í Bandaríkunum og Bretlandi
 - Fjöldi starfsmanna um s.l. áramót u.þ.b. 10 starfsmenn þ.a. 4 á Íslandi
 - Starfsmannafjöldi á Íslandi í framtíðinni er óráðinn, háður þörfum viðskiptavina
- Aðal markaðssvæði
 - Aðaláhersla lögð á að laða að Bandarísk og Evrópsk stórfyrirtæki. (Fortune 500 sized companies with a presence in US and Europe).



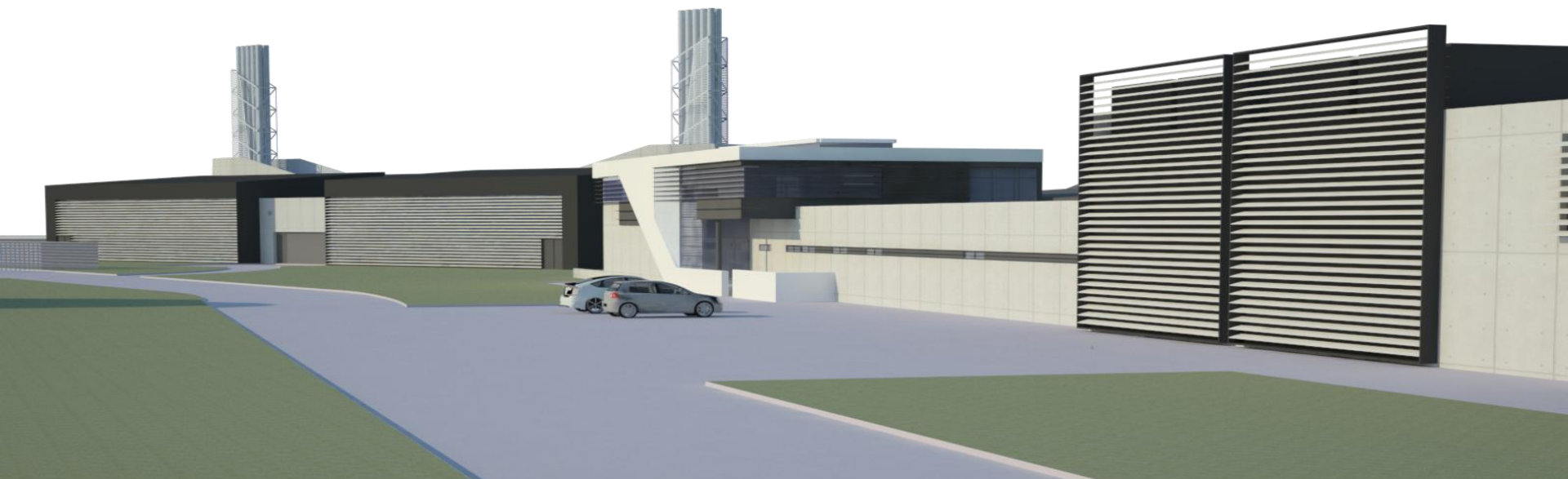


- Velgengni og erfiðleikar
 - Gott samstarf við ríki og sveitarfélög
 - Iðnaðar- og Fjármálaráðuneyti, Reykjanesbær
 - Góð reynsla af samskiptum við innlenda birgja
 - Orku og veitufyrirtæki, verktaka og hönnunarfyrirtæki, birgjar á búnaði
 - Erfiðleikar vegna náttúruhamfara og efnahagshruns

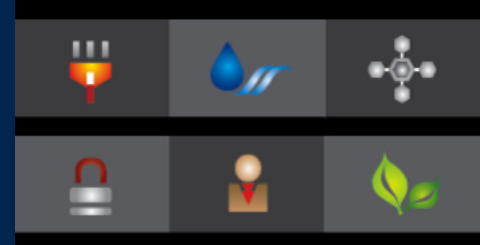




- Laga- og fyrirtækjaumhverfi innanlands
 - Fjárfestingarsamningur liggur fyrir Alþingi og er í ferli
 - Vandamál með hversu langan tíma tekur að ganga frá samningum, en ástæðurnar skiljanlegar
 - Stöðugleiki



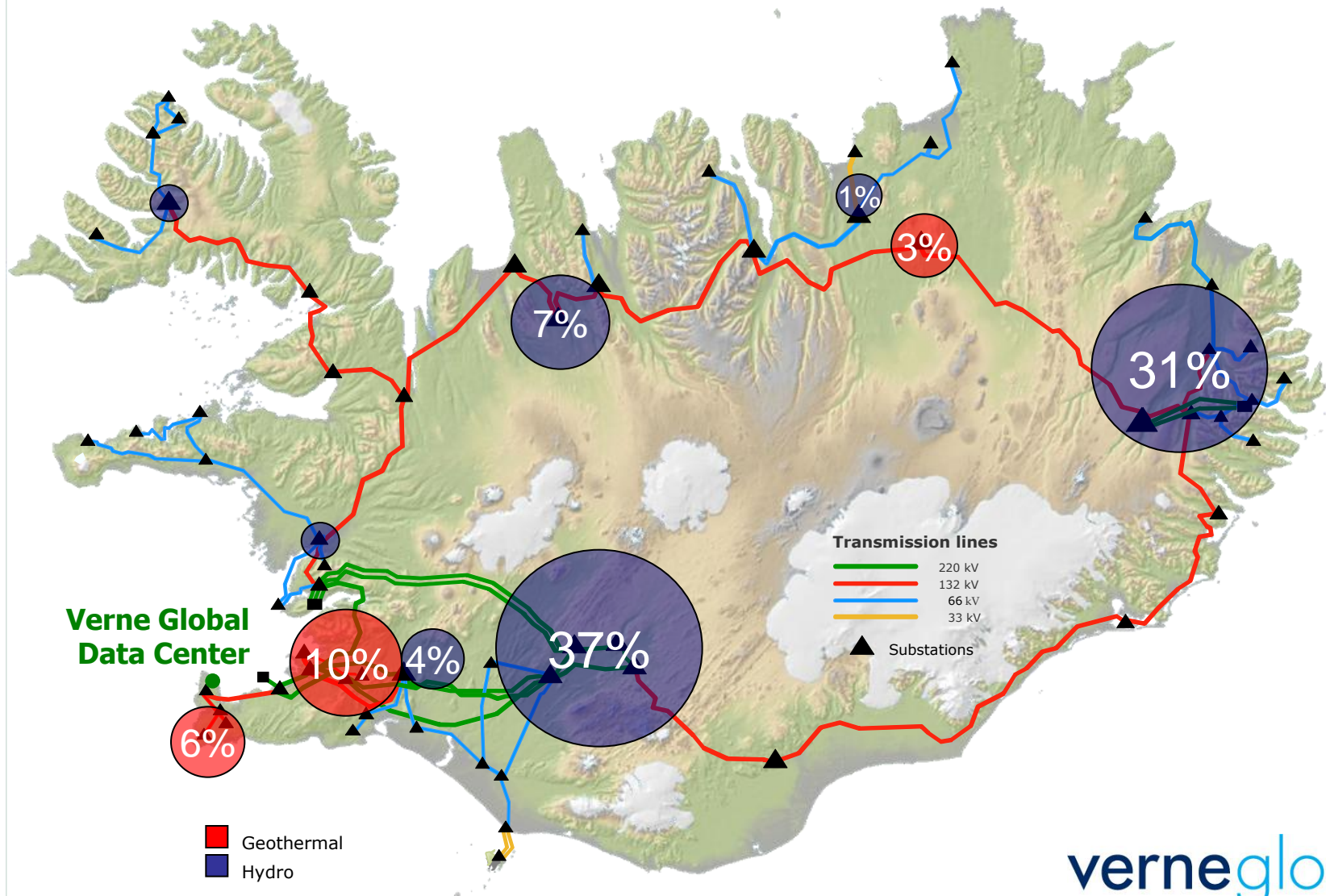
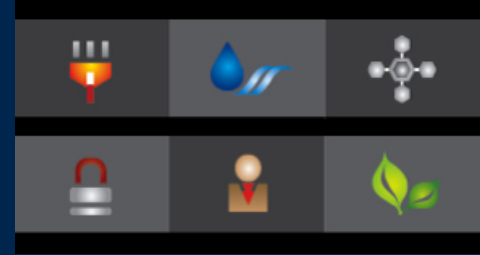
Verne Global Wholesale Data Center Space



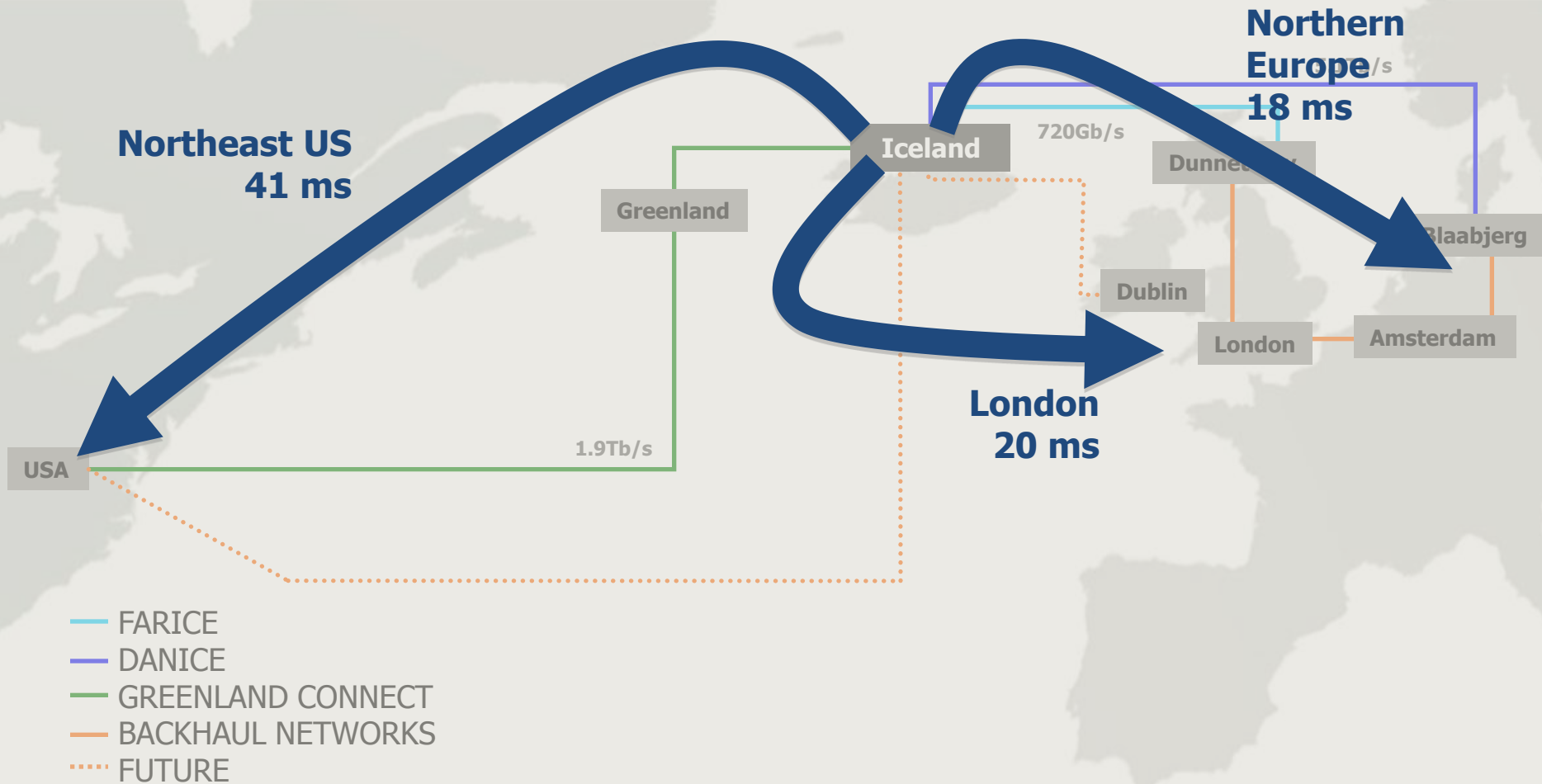
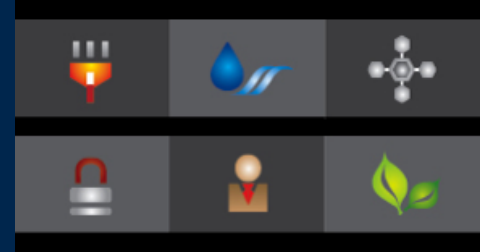
- **Turn-key:** physically secured space with power and cooling architectures optimized to meet LEED standards
- **Redundant:** Tier III resiliency
- **High Density:** ensures power capacity meets kilowatt requirements for IT load
- **Energy Efficient:** metered powering inside your individual modular pod guaranteeing you on pay for what you use
- **Renewable Power:** hydroelectric and geothermal power sources without a premium charge
- **Infrastructure Operations:** flexibility in IT process integration

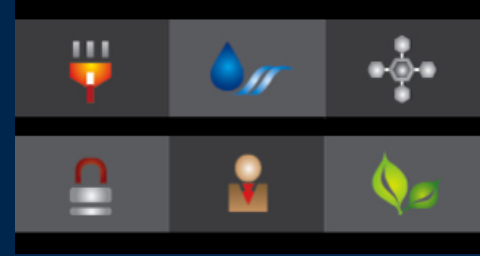


Iceland. 100% Green Energy Hydro-Electrical and Geothermal



Robust Access to Iceland





- **Seismic Analysis**

- Mid Atlantic Ridge: Boundary between the North American and the Euro-Asian plates
- Divergent Boundary: less than one inch movement per year
- Keflavik Site on 1-3 million year old bedrock away from ridge
- Average earthquake force less than 1.25 on Richter Scale
- Earthquake regions outside of Geotechnical Strata of Keflavik

- **Volcanic Analysis**

- Volcanoes remote from Data Center location

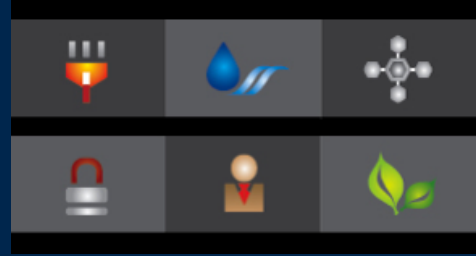
- **NATO Communication Structures – 30+ Years Operational**

- No impact from Continental Shift or Seismic/Volcanic Activity

- **Overhead Power Transmission System**

- No impact from Continental Shift or Seismic/Volcanic Activity

Design Considerations

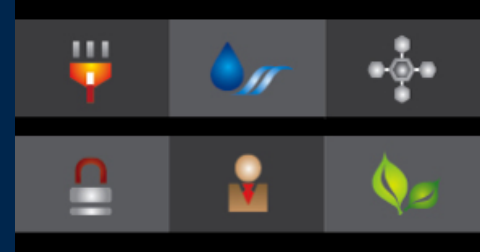


- Eurocode Design Standards. Including Eurocode 8 (Design of Structures for Earthquake Resistance)
- Essential Facility Status: 1.4 multiple to Structural and Seismic Safety Factors
- Compressive Concrete Specification of 50 Megapascals (7,200 psi)
- Floor Slab Loading 10kN/m^2 Minimum Specification
- All Utility Infrastructure enclosed within Hardened Buildings



Summary

Keflavik Site: Highly Protected Risk



- Two Independent Risk Analysis Reports Performed
- Categorized as Highly Protected Risk
- Chubb Report available for Review

risk assessment projects a "highly protected risk" rating for the Verne facility in Keflavik.

- [redacted] was asked to do a full risk assessment of the facility. The report was completed on 17 July, conclusions are summarized below...
 - Construction: Buildings are essentially non-combustible with no negative features from a fire standpoint
 - Exposure: The site is generally well protected against exposure due to the physical location and space separation from hazards external to the site.
 - Natural Hazards (Earthquake): The structural loadings from the wind forces are higher than from earthquake forces for both of the buildings. This should put the earthquake hazard into perspective.

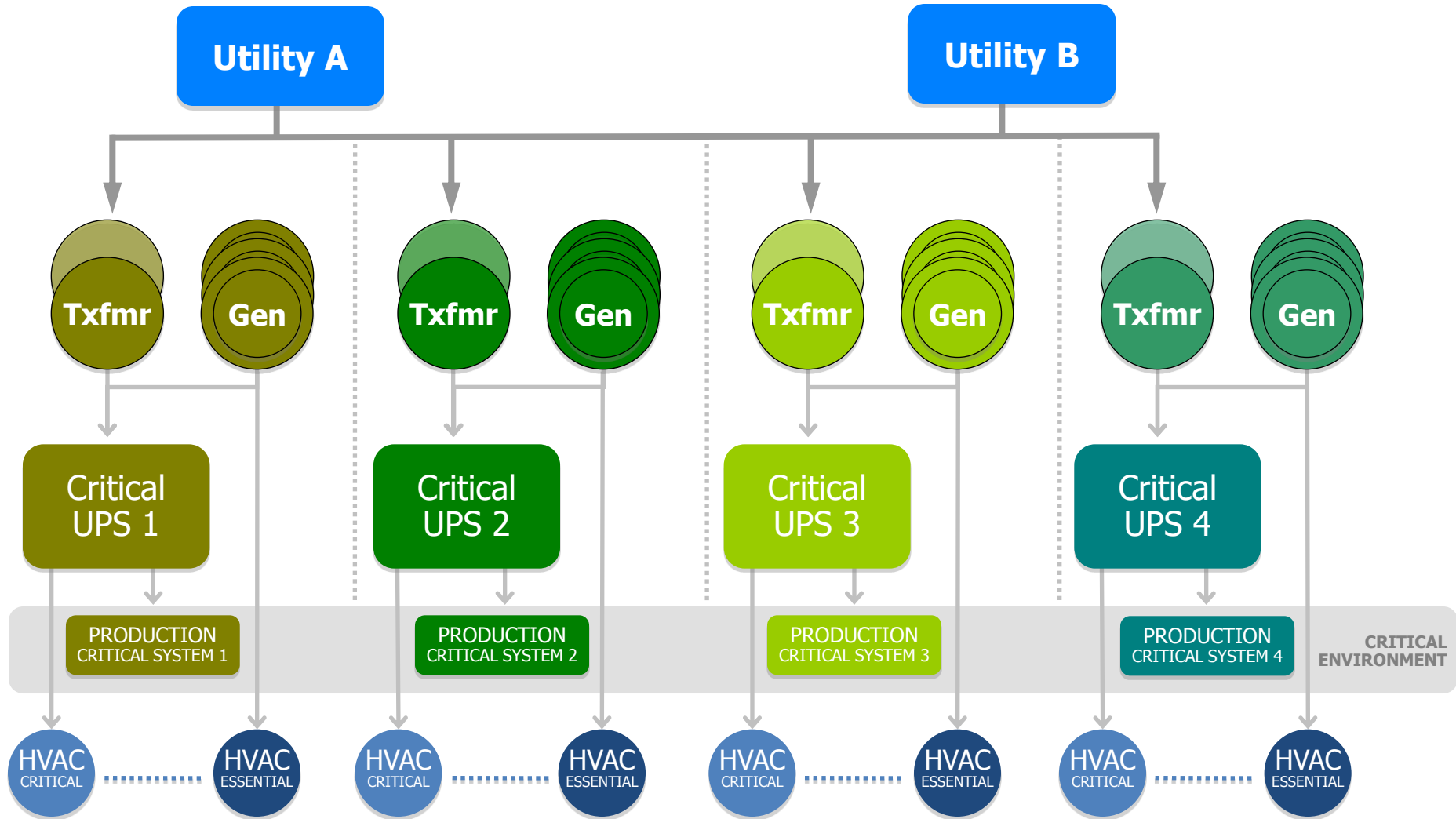
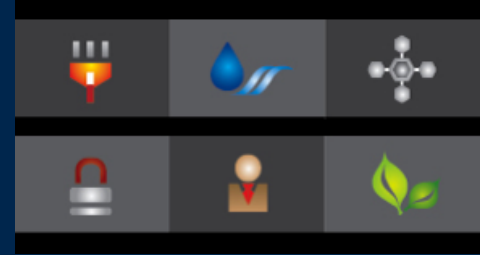
The scope of this engagement is the Keflavik site in context with the Phase 1, Day 1 design parameters. Activities included a review of existing design documents, a site visit on June 3, 2009, partial tour of data center building KEF101 and research within the applicable building codes and design standards.

If built as designed, it is reasonable to expect that the Keflavik complex will be considered a Highly Protected Risk. This assessment maintains that the property will be subject to a much lower than normal probability of loss by virtue of low hazard occupancy, superior construction, special fire protection equipment and procedures, and management commitment to loss prevention.



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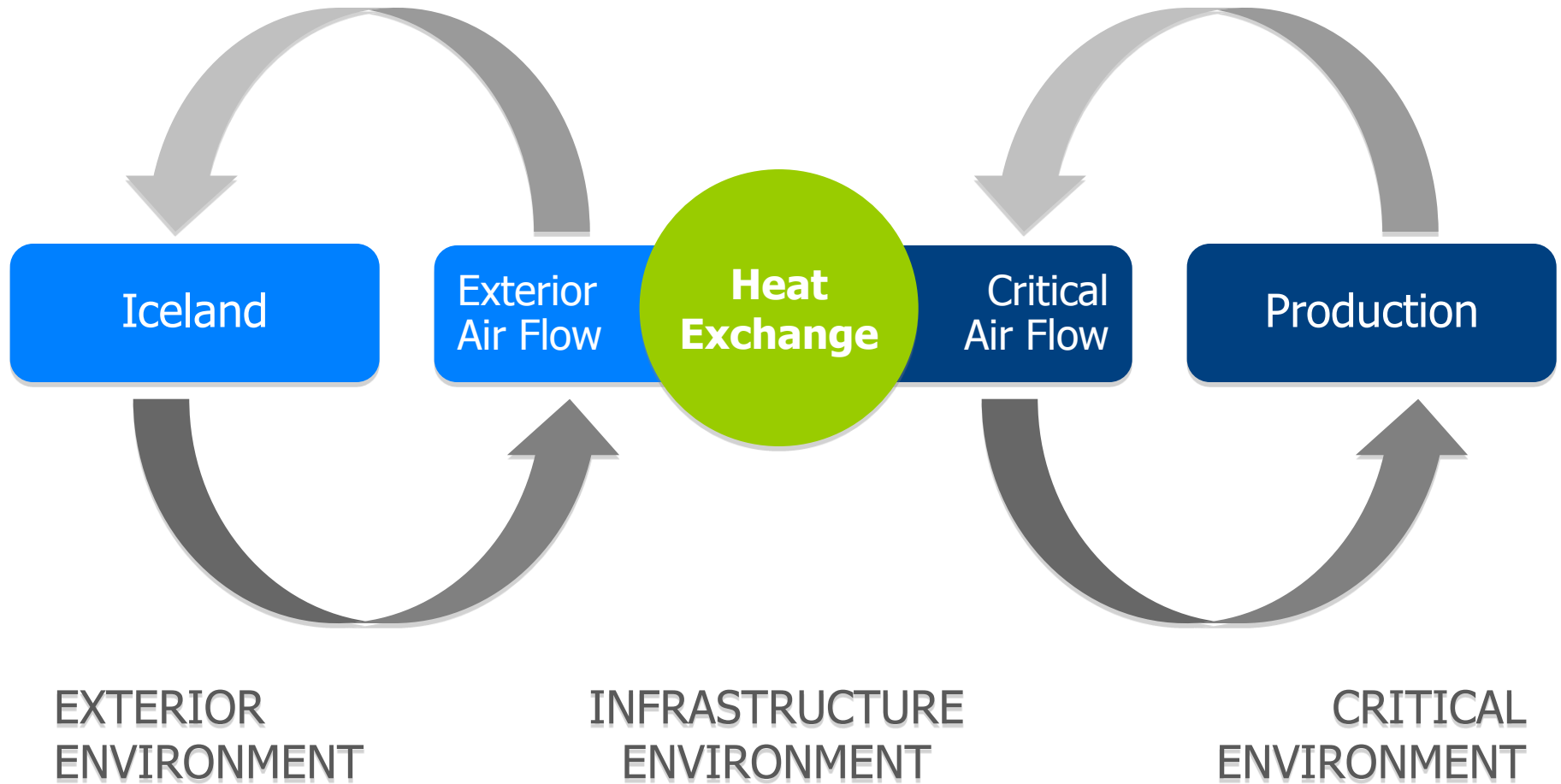
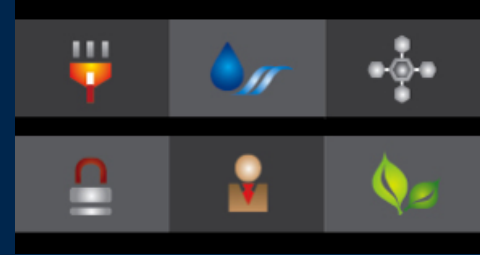
Electrical System Overview



Four Protected Zones

Full System Redundancy

Environmental System Overview



Verne Global Next Generation Data Center Campus

