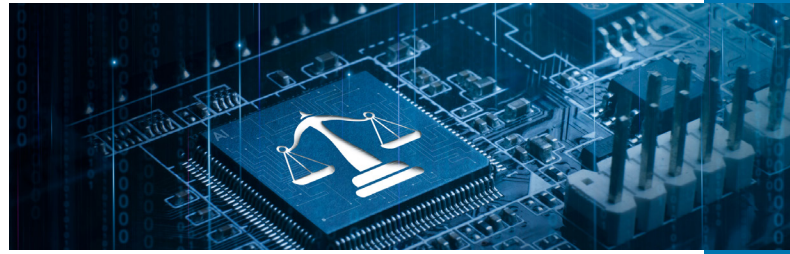


TELORICS PATENTS PENDING



Innovating the Future of Telecom Infrastructure

Telorics is at the forefront of telecommunication innovation with three groundbreaking patents pending that are transforming how wireless infrastructure is analyzed, optimized, and managed. Built on the powerful Telorics Software Platform, these innovations deliver unprecedented data-driven intelligence across the entire infrastructure lifecycle, from initial design and deployment to ongoing network optimization and resource management.

PATENT APPLICATIONS

Internal No.: 46811-00008 Filing No.: 18/905,733

Title: System and Methods for Wireless Infrastructure Update Based on Multi-Domain Intelligent Predictive Analysis

Abstract: A computer system for wireless structure update systems is provided. The computer system programmed to: a) receive a request to update a plurality of sites, including a plurality of update parameters and an area containing the plurality of sites; b) compare the plurality of site information to the plurality of update parameters; c) determine one or more update actions to update each of the plurality of sites based upon the comparison; d) generate clusters for the plurality of sites, wherein each cluster is based upon the travel distances between nearby sites; e) calculate an overall cost for the request to update based upon the determined one or more update actions, the travel distances, and the clusters; f) assign resources to the request to update; g) receive real-time project completion updates; and h) update the assigned resources.

Internal No.: 46811-00009 Filing No.: 18/908,286

Title: Systems and Methods for Dynamic 5G Network Slicing Configuration

Abstract: A computer system for a dynamic non-uniform 5G network slicing configurations is provided. The computer system includes at least one processor in communication with at least one memory device. The at least one processor is programmed to: a) receive, from a client device, a network slice request including a plurality of parameters, wherein the plurality of parameters include an actual amount of data to be transferred, a data source location, a data destination location, and timing information; b) identify a plurality of network devices between the data source location and the data destination location; c) select a subset of the plurality of network devices between the data source location and the data destination; d) generate a network slice, not necessarily uniformly configured throughout the route/area of interest, using the subset of the plurality of network devices; and e) transfer the data via the network slice.

Internal No.: 46811-00010 Filing No.: 18/961,948

Title: System and Methods for Wireless Network Radio and Antenna Designs Based on Infrastructure Upgrade and Modification Analysis

Abstract: A computer system is provided. The computer system programmed to: 1) receive parameters for a first design; 2) for each tower of the plurality of towers, the computer system programmed to: a) select a tower of the plurality of towers; b) calculate an initial site structure analysis cost for the selected tower; c) for each electronic device of a plurality of electronic devices associated with the selected tower, the computer system programmed to: i) select an electronic device associated with the selected tower; ii) calculate an EPA; iii) determine a mount analysis cost; iv) compare the selected electronic device with the first design; v) determine a tower analysis cost based upon the comparison; and vi) determine an electronic device project cost for the selected radio; and d) determine a tower project cost for the selected tower; and 3) determine a total project cost for the first design.