RemoteIQ — Frontend Master Spec (Updated)

# Changelog (2025-10-15)

* Run Script joined modal
* Preselects device when opened from row kebab or when URL includes ?device= or ?runScript=; auto-switches scope to Selected Agents and opens the Endpoints panel.
* Modal grows responsively when the panel is open (≈ 99vw, max-w ≈ 2300px); panel width scales to min(50vw, 1200px) so the table, toolbar, and pagination never clip.
* Endpoints table has a slim ~32px checkbox column (centered) and no horizontal scrollbar (fixed layout + truncation).
* Endpoints table hides the Actions column, keeps column visibility menu, and honors existing sorting/filtering state.
* Data Table foundation
* Uses getRowId: (row) => row.id so URL/device preselect maps to the correct rows.
* Uses table-fixed + truncation classes to prevent horizontal scroll in narrow containers.
* Supports per-column sizing via columnDef.meta.headerClassName/cellClassName (used for the select column).
* Registers a snapshot getter with DashboardProvider so “Save Current View” captures fresh column visibility/sorting/filters without render-phase updates.
* UX polish
* Column-visibility menu remains open while toggling multiple columns.
* Destructive buttons keep red styling; green toasts for success, red for delete/failure.

# Layout & Shell

Top Bar fixed above Sidebar; full width. Sidebar on the left for Customers/Orgs/Sites only. Main content respects both. (Baseline preserved.)

# Top Bar

Left: brand + Automation (Run Script). Opening the modal closes the dropdown.

Right: Saved Views (create/overwrite/delete with confirms + toasts), global search, theme switch, bell. (Baseline preserved.)

# Sidebar Tree (A11y)

Customers → Organizations → Sites → Endpoints. All collapsed by default. Tree semantics: role="tree", role="group", role="treeitem", aria-selected where appropriate. Clicking an endpoint navigates to /devices/[id].

Visibility rules unchanged (expanded nodes define which devices render).

# Devices Page / Table

Columns: Hostname (alias over hostname), Status, Client, Site, OS, User, Last Response, Actions.

Behaviors: sorting on all columns; hover highlight; selection via checkboxes only; multi-hide column menu (stays open); filters rail with destructive Clear All.

Row kebab: View details → /devices/[id], Run Script…, Edit alias…, Clear alias (confirm, red), Copy hostname/ID (toasts).

## Table Engine Updates

* Row identity: getRowId(row) = row.id for stable selection and deep links.
* Layout: table-fixed + truncate cells to avoid horizontal scroll.
* Column meta: headerClassName/cellClassName for narrow/wide columns.
* Snapshot getter: Data table registers a getter so “Save Current View” snapshots freshest columnVisibility/sorting/filters.

# Saved Views

Persist to localStorage and encode active view into ?v=; list renders in Top Bar; selecting applies immediately and syncs URL.

A view captures column-visibility and the visibility scope (expanded orgs/sites + customers open). Overwrite with confirm (green toast), delete with confirm (red).

Optional flag (planned): include sorting and columnFilters in the view payload (persist + restore).

# Run Script — Joined Modal (Updated)

* Centered dialog, fixed height. Toggle button flips between Open Endpoint Panel / Close Endpoint Panel.
* Preselect & deep link: opened from kebab or URL has ?device=/ ?runScript= → switch to Selected Agents, open panel, pre-check device IDs.
* Responsive width: modal expands to near full viewport with panel; panel width = min(50vw, 1200px).
* Endpoint panel: Devices table without Actions, slim ~32px checkbox column, no horizontal scroll; supports sort/filter/visibility; selection keyed by device IDs.
* Left panel: Target (Client/Site/Selected/All), client/site pickers, Agent OS/Type, script dropdown, args chips, env var chips; Run returns structured payload (front-end only).

# Persistence Keys

* Saved Views: remoteiq.savedViews.v2
* Aliases: remoteiq.deviceAliases.v1
* View URL payload: Base64URL compact view under ?v=