

# ECLIPSE INC.

## Adaptive Interface Systems — Sovereign Prime

### Executive Overview

The system integrates smooth image scaling with dynamic content resizing to create a fluid, adaptive interface across all devices.

### Core Components

- Smooth Image Scaling: preserves ratio, eliminates distortion
- Dynamic Content Resizing: fluid typography and spacing

### HTML Structure

```
<section class="adaptive-feature">
  <div class="adaptive-feature__media">
    
  </div>
  <div class="adaptive-feature__content">
    <h1>Smooth Scaling + Dynamic Resizing</h1>
  </div>
</section>
```

### CSS System

```
:root {
  --text-xl: clamp(2rem, 3vw, 3.5rem);
}

.adaptive-feature {
  display: grid;
  grid-template-columns: 1fr 1fr;
}

img {
  object-fit: cover;
}
```

### JavaScript Enhancement

```
function syncHeights(selector){
  const el = document.querySelectorAll(selector);
}
```

### Closing

From responsive design to adaptive continuity — this system preserves intent across all environments.