

```

    }
}

Asset aReturn = Asset.Load(szFolderPath);

return aReturn.IsLoaded ? aReturn : null;
}

public static string GetAllRelatedAssetIds(string szAssetId, ref string szAssetIdString, string szSitePath)
{
    string szRet = "";

    if (!string.IsNullOrEmpty(szAssetId) && !string.Equals(szAssetId, "0", StringComparison.OrdinalIgnoreCase) && !int.Equals(szAssetId, 0))
    {
        if (!szAssetId.Contains("|" + szAssetId + "|"))
        {
            szAssetIdString = string.IsNullOrEmpty(szAssetId) ? "|" + szAssetId + "|" : szAssetIdString + szAssetId + "|";

            FilterParams fpFilter = new FilterParams();
            fpFilter.Add(AssetPropertyNames.TemplateLabel, Comparison.Equals, "Relationship Config");
            fpFilter.Add("filter_string", Comparison.Equals, "|" + szAssetId + "|");

            List<Asset> lpRelationshipConfig = Asset.Load(szSitePath + "/Relationships Config/").GetFilterList(fpFilter);
            foreach (Asset aData in lpRelationshipConfig)
                szRet = string.Equals(szAssetId, aData["source_id"], StringComparison.OrdinalIgnoreCase) ? aData["destination_id"] : aData["source_id"];
        }
    }

    return szRet;
}

public static IEnumerable<LocaleId> CreateLocaleConfigCache(string szSitePath)
{
    return Asset.Load(szSitePath + "/Locales Config/").GetFileList().Select(aData => new LocaleId(aData));
}

public static string GetLocaleId(Asset asset, string szSitePath)
{
    string szRet = "";

    List<Asset> laLocalConfig = Asset.Load(szSitePath + "/Locales Config/").GetFileList();
    foreach (Asset aData in laLocalConfig)
    {
        string szAssetPath = asset.AssetPath.ToString().ToUpper();
        if (asset.Type.Equals(AssetType.Folder))
            szAssetPath = asset.AssetPath.ToString().ToUpper() + (string.Equals(szAssetPath.Last(), "/" ? "" : "/"));

        if (szAssetPath.Contains(aData["folder_root"].ToUpper() + (string.Equals(aData["folder_root"].Last(), "/" ? "" : "/")))

```



CrownPeak

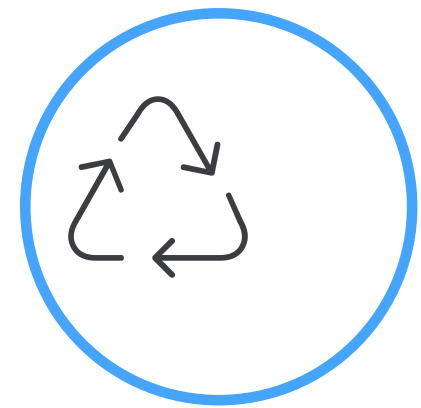
SEARCH G2

Paul Taylor, Solutions Architect October 29, 2014

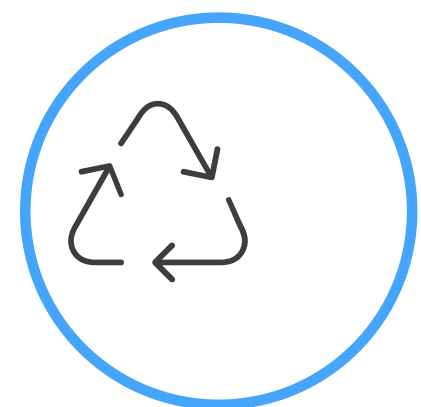
Search Agenda



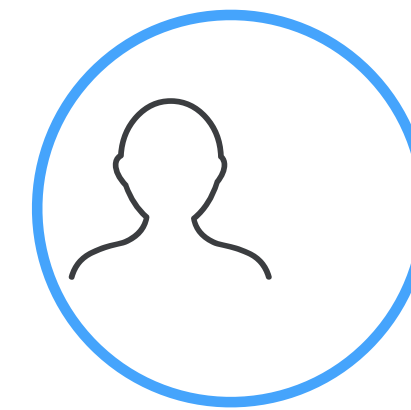
What is Search G2?



How do we request it?



DEMO: Implementing Search G2



Resources



Your Feedback



What is Search G2?

WHAT IS SEARCH G2?

Highly scalable, fault tolerant, industry standard indexing & query platform, built in the cloud.....oh, and it's **fast!!**



Easy Adoption for Customers & Partners

- Industry Standard Lucene Query Language
- Search G2 SDK

Supports UTF-8, double-byte & multi-byte character sets

Enhanced End-User Search Experience

- Auto Language Detection (31 Languages)
- Stemming, Spell-Checking & Suggestion Capability

Highly available & scalable

Higher crawl frequency

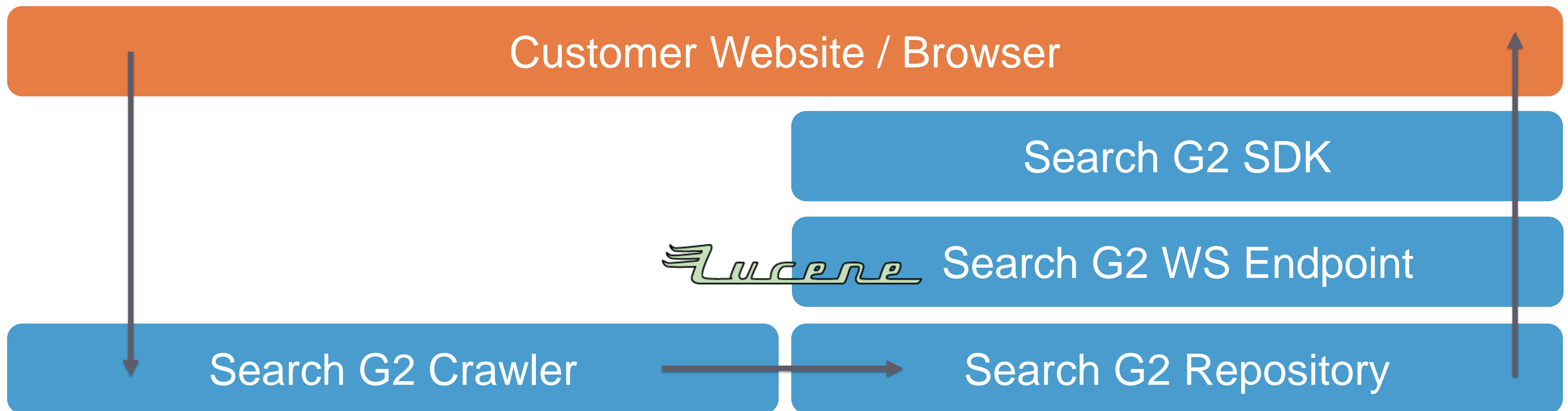
Less obtrusive than Classic

Customisable Site Crawling at Implementation Time

- Crawl website content

- Crawl custom data

Supports Basic, NTLM & Digest Authentication



[http\(s\)://searchg2.crownpeak.net/{collectionName}/select/?q=*:*](http(s)://searchg2.crownpeak.net/{collectionName}/select/?q=*:*)

Makes implementation simple for Customers & Partners

Wraps up standard Lucene features offered via Search G2

Provided in both JavaScript & .NET Flavours

JavaScript – Available via CrownPeak CDN

Minified version available at production-time

.NET – Will be available in early 2015

Both versions will be maintained by CrownPeak, and will keep version numbers

WHAT IS CROWNPEAK SEARCH G2?

SEARCH G2 SDK - SHOWCASE

Showcase provided within JavaScript SDK

Highlights all features currently supported within the Search G2 platform

Implementation examples on CrownPeak Connect

KnockOutJS

jQuery

JavaScript (plain)

The screenshot displays two examples of the CrownPeak Search G2 interface. The top example shows a geospatial search for 'Los Angeles, CA, United States', resulting in two matches: 'CrownPeak UK - Cheese Division' and 'CrownPeak US - Cheese Division'. The bottom example shows a text search for 'crownpeak', resulting in 125 matches. The interface includes a search bar, a search button, and a list of results with star ratings and file sizes. A map is visible in the geospatial search results, showing the location of the search results on a world map.



**How Do We
Request It?**

Part of the CrownPeak Subscription

Enabled by CrownPeak Support

Send support request

Live URL (e.g. www.crownpeak.com)

Dev, Authoring, Stage URLs (e.g. stage.crownpeak.com)

Initial seed for each collection (e.g. <http://www.crownpeak.com/>)

Authentication information (for protected sites)

Lead-time 5 days

You will receive a custom Search G2 WS endpoint back!

`http(s)://searchg2.crownpeak.net/{collectionName}/select/?q=*:*`

Customise crawling rules

By default Search G2 will crawl all content within any pages found as children of the initial seed – all navigation will appear

Search G2 uses CSS engine to allow you to pick what is indexed

Submit to CrownPeak Support for implementation

Build your search client

Use one of the Search G2 SDK options

JavaScript (examples available for KnockOutJS, jQuery & JavaScript (plain))

Handles cross-domain security issues

ASP.NET Web Forms & ASP.NET MVC

Cut your own in whatever language you choose

Deploy through the CMS to your publishing target(s)

**DEMO: IMPLEMENTING
SEARCH G2 ON
www.crownpeak.com**

DEMO

Deploy a Search Page

Use the Search G2 SDK (JavaScript)

Use plain JavaScript implementation style



Resources

Playbooks – Available on CrownPeak Connect

JavaScript SDK – Available on CrownPeak CDN

.NET SDK – Available in early 2015

SDK Showcase – Available on CrownPeak Connect

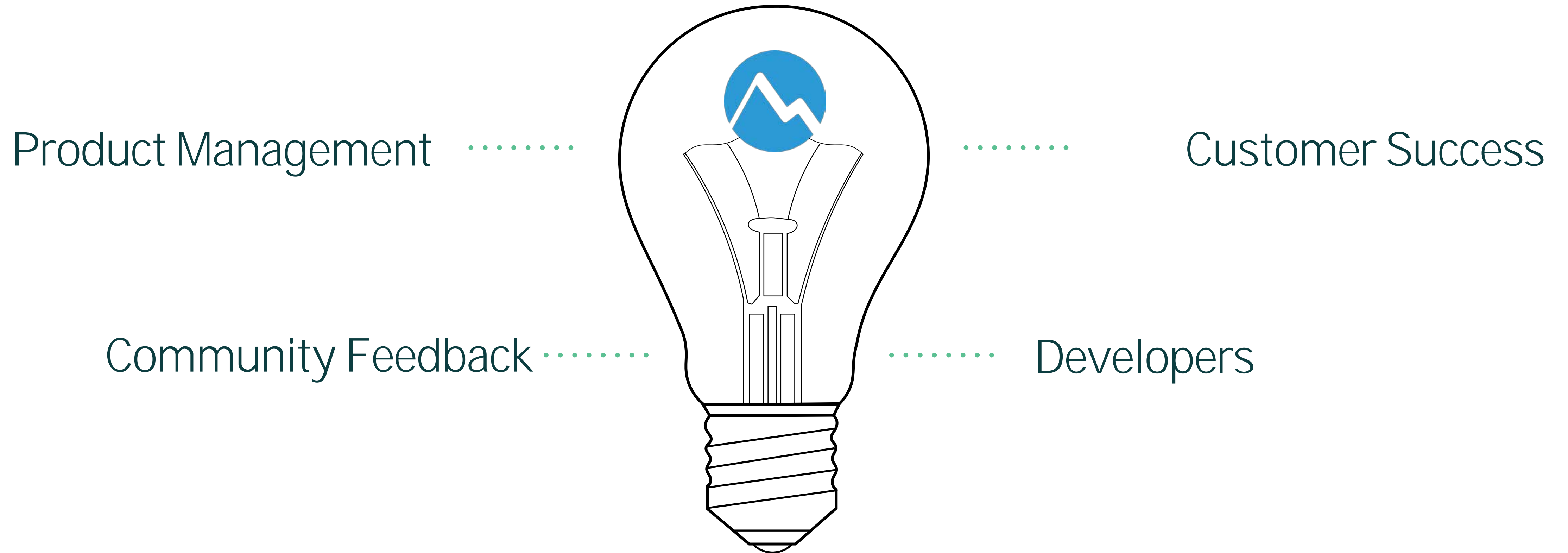


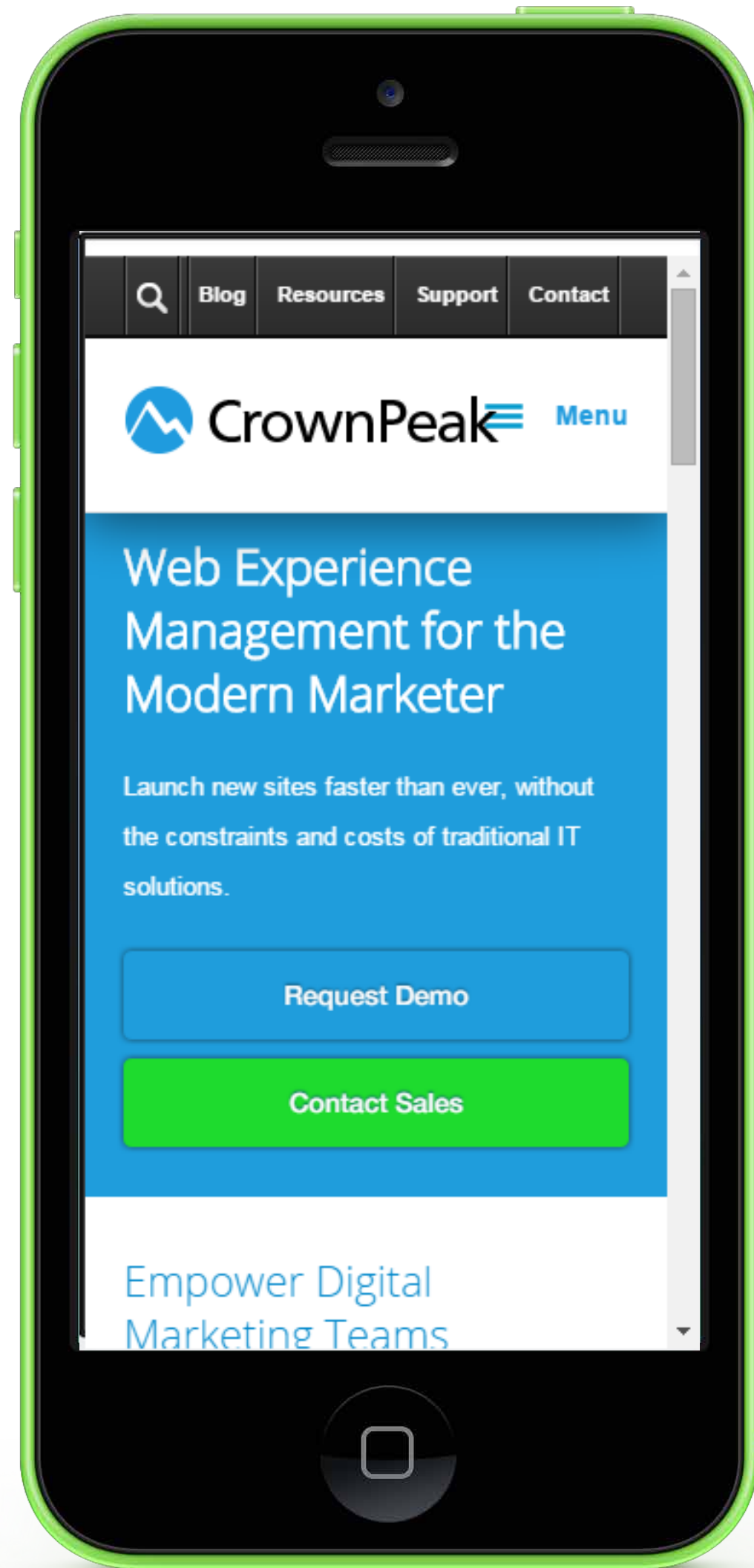
Before we go...

Your Feedback

We want your feedback!

We are here to hear your ideas and requests.





Twitter

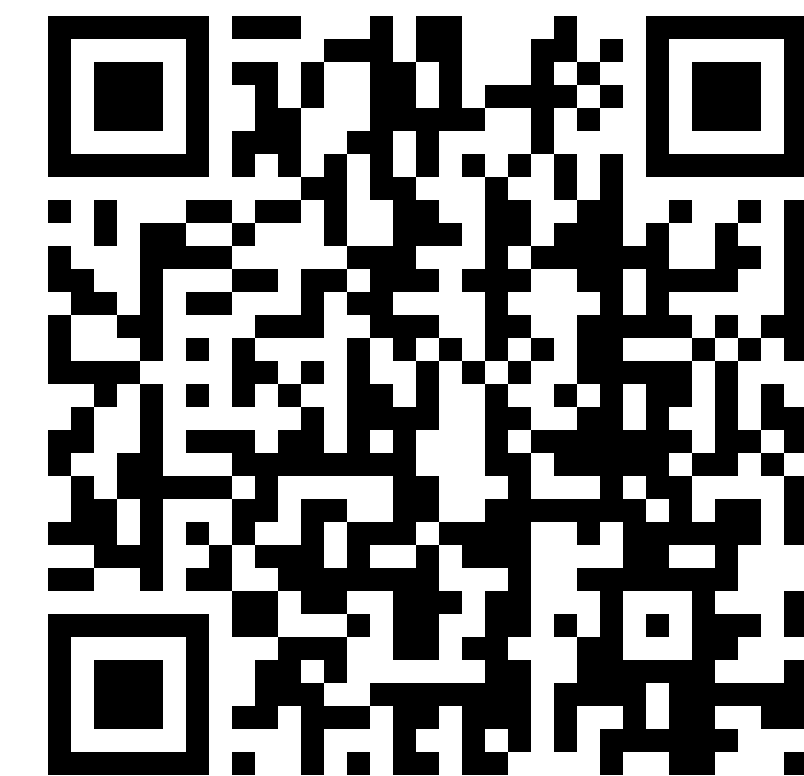
@CrownPeak
#CrownPeakPartners



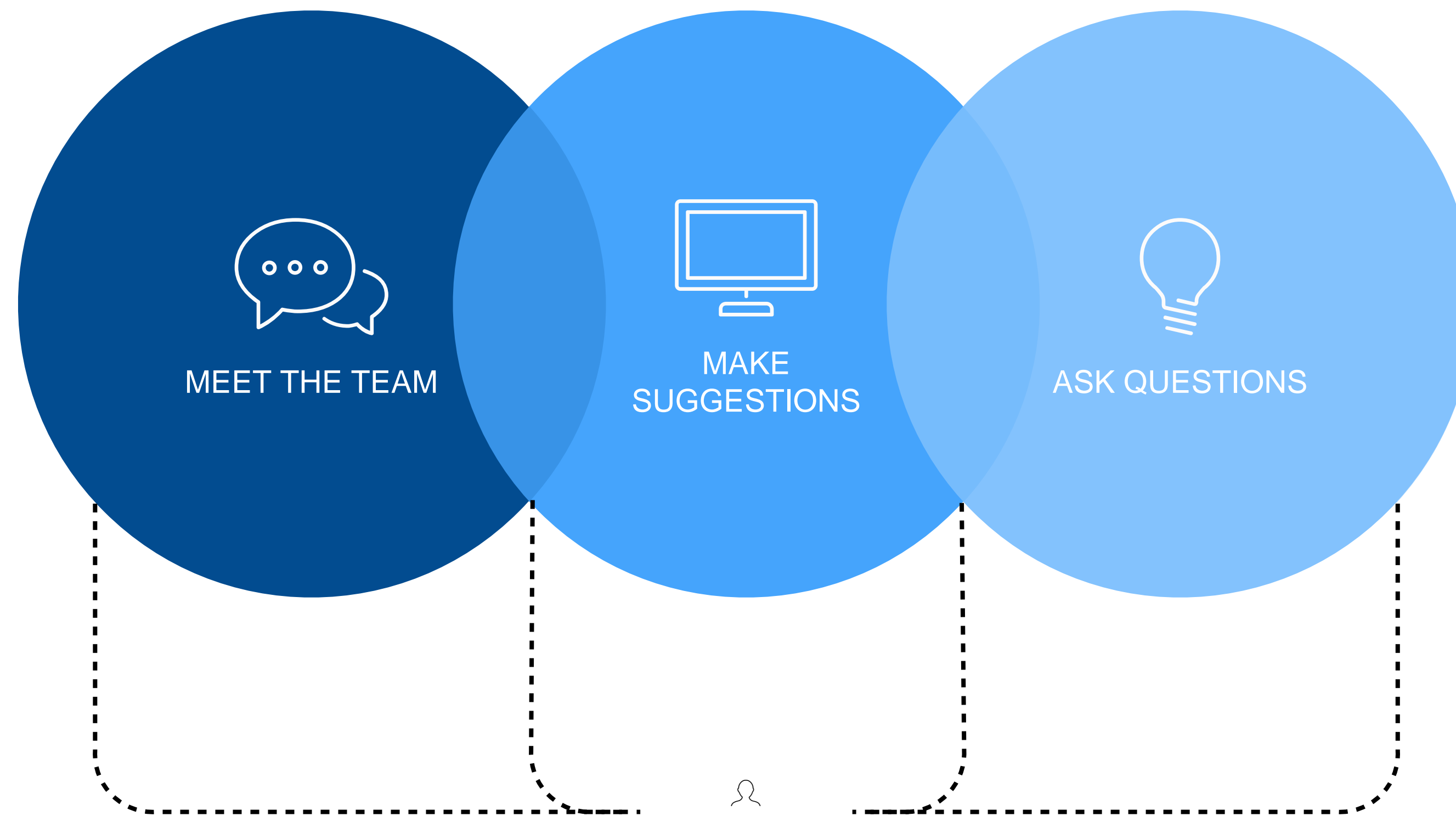
Forums on Connect

For ongoing discussions with the CrownPeak community on

- [Template development](#)
- [User & Developer Experience](#)
- [Solutions and Extensions](#)
- [Product features & roadmap](#)
- [Hosting & Publishing](#)
- [Integrations](#)



Access to Customer Success and Product Teams



Partners and Developers



Partners and Developers



CrownPeak + Web Experience Management

