Application:	**Public Information Center – JavaScript**
Version:	**3.5**
Document:	**Readme**
Date:	**Feb 21, 2013**
Author:	**CyberTech Systems and Software Ltd.**

Package Contents

PublicInformationCenter: Folder containing web application and configuration file
Readme.pdf : Deployment and configuration guide

Configuration

You can configure Public Information Center Template in your environment. To complete the configuration, you will need experience with Microsoft's Internet Information Server (IIS). If you are new to JavaScript Viewers, this template will demonstrate a pattern you can use to deploy your own JavaScript application.

1. Copy the "PublicInformationCenter" directory onto your web server so that it can be accessed as a website or virtual directory.
   Example: Copy the "PublicInformationCenter" directory under C:\Inetpub\wwwroot for Microsoft IIS web servers.

2. This application uses a proxy file provided by ESRI. The proxy file is available in three different languages (ASP.NET, PHP and JSP). Current application uses ASP.NET proxy file. If you wish to use a different proxy file please click here. For ASP.NET proxy file, change the REST end point to the ArcGIS REST service url in the proxy.config file.

3. Go to IIS, right-click on the parent directory of the copied files, select "Convert To Application" and set the application pool to ASP.NET v4.0.

   Note: If you want to use a different version of ASP.NET, please follow the steps below.
   1. Open the source folder as a website in Visual Studio
   2. Right-click on website, go to properties and change the .NET target framework to desired version
   3. Publish the website

4. The "PublicInformationCenter" directory contains Config.txt which is the main configuration file. To modify any configuration values, open Config.txt file using a text editor like Notepad. Make necessary changes to the JSON objects. See the "Description of Configuration Tags" section below for more information.

5. Test the application in a browser by entering the URL to the default.htm page.
   Example: http://<server>/PublicInformationCenter/default.htm
   Substitute "<server>" with name of your server. Please note: "default.htm" may not be defined as a default document on your web server.

Description of Configuration Tags (Config.txt)

ApplicationName: Application Name displayed in banner
ApplicationName = "Public Information Center ",

ApplicationIcon: Application Image displayed in banner
ApplicationIcon = "images/PubInfoLogo.png ",

SplashScreenMessage: Message displayed when the application is launched.
SplashScreenMessage : "Lorem ipsum dolor sit er elit lamet, consectetaur cillium adipisicing pecu, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum. Nam liber te conscient to factor tum poen legum odioque civiuda.",

HelpURL: URL for help
helpURL="help.htm",

BaseMapLayers: Basemap layer collection. (All basemaps need to be in the same spatial reference)
BaseMapLayers :
Key= "streetMap"   //Key for every map. This has to be unique in this collection
ThumbnailSource="images/Parcel map.png" //Image (thumbnail) of the basemap
Name= " Streets" //Name of the basemap, this is displayed in the basemap gallery component
MapURL=" http://localgovtemplates.esri.com/ArcGIS/rest/services/ParcelPublicAccess/MapServer"
//Map server URL
Key= "imageryMap"   //Key for every map. This has to be unique in this collection
ThumbnailSource=" images/Imagery Hybrid.png" //Image (thumbnail) of the basemap
Name= " Imagery" //Name of the basemap, this is displayed in the basemap gallery component
MapURL=" http://localgovtemplates.esri.com/ArcGIS/rest/services/ImageryHybrid/MapServer
", //Map server URL

DefaultExtent: Initial extent of map. To separate values use "," symbol.
DefaultExtent ="-9815317.353,5126118.542,-9811259.298,5127735.811",

InfoPopupHeight:Height of info-Popup in pixels
InfoPopupHeight= 310,

InfoPopupWidth:Width of info-Popup in pixels
InfoPopupWidth= 330,

ShowNullValuesAs: Display Null values from the layers with a custom string
ShowNullValueAs: "N/A",

DefaultServiceTab:Tab enabled on load
DefaultServiceTab: 0,

TabHeaders: Tab to be removed on load as false
TabHeaders: {
    Information: true,
    RequestService: true,
    SocialMedia: true
  },

Status: Displaying status of serviceRequest
Status: "${STATUS}",

InfoWindowHeader: Service Request Info-window title
InfoWindowHeader: "Request ID: ${REQUESTID}",

SocialMediaTitle: Social Media Info-window title
SocialMediaTitle: "${TITLE}",

ShowCommentsTab: Show "Comments" tab in the info-Popup
ShowCommentsTab: true,

FormatDateAs: Date format
FormatDateAs: "MMM dd, yyyy",

ShareQuery: object id for querying while sharing the infowindow for alerts tab
ShareQuery: "OBJECTID = '${0}'",

TabHeaderText:title to be displayed on the tab header
TabHeaderText: [
        "Information",
        "Request Service",
        "Social Media"],

CommentsInfoPopupFieldsCollection:info-pop fields for adding and displaying comment
CommentsInfoPopupFieldsCollection: {
        Rank: "${RANK}",
        Submitdate: "${SUBMITDT}",
        Comments: "${COMMENTS}"
    },

GeometryService: Geometry service url
GeometryService: "http://203.199.47.146/arcgis/rest/services/Utilities/Geometry/GeometryServer",

ServiceRequest Configurable items for ServiceRequest tab

```
{
        Instructions: "<br/><b>Submit a Request for Service:</b> <br/> <br/>Please search for an
    address or click directly on the map to locate your request for service. Then, provide details about
    the request below and click Submit to initiate your request. You'll be provided a Request # that can
    be used to track the status of your request. If you find a request has already been submitted by
    another party, you can click on the existing request, provide additional comments and increase the
    importance of the request.<br /><br/><b>Please note:</b> Attachments can be used to submit a
    photo, video or other document related to a service request.<br/>",
        LayerInfo: {
        Key: "serviceRequest",
        LayerURL: "http://arcgis-two-1334003536.us-west-
    1.elb.amazonaws.com/arcgis/rest/services/ServiceRequesthostsymbol/FeatureServer/0",
        OutFields: "*",
        RequestTypeFieldName: "REQUESTTYPE",
            //Set the attribute for requestID used for creating a new request
                RequestId: "${REQUESTID}",

        CommentsLayerURL: "http://arcgis-two-1334003536.us-west-
    1.elb.amazonaws.com/arcgis/rest/services/ServiceRequesthostsymbol/FeatureServer/1",
        CommentsOutFields: "*",
            //Set the primary key attribute for the comments
                CommentId: "${REQUESTID}"
    },
```

InfoPopupFieldsCollection: Info Pupoup Fields collection

```
    [{
        DisplayText: "Problem:",
        AttributeValue: "${REQUESTTYPE}",
        DataType: "string"
    }, {
        Id: "description",
        DisplayText: "Comment:",
        AttributeValue: "${COMMENTS}",
        DataType: "string"
    }, {
        DisplayText: "Date Submitted:",
        AttributeValue: "${REQUESTDATE}",
        DataType: "date",
        dateFormat: "MMM dd, yyyy"
    }, {
        DisplayText: "Status:",
        AttributeValue: "${STATUS}",
        DataType: "string"
    }]
    },
```

Alerts: Configurable items for Alerts tab

```
{
        Instructions: "<br/><b>General Information:</b> <br/> <br/>The location of construction
projects, public notices or alerts, out of service hydrants, and main breaks can be found below.  You
can turn on and off projects and assets in the left navigation pane.  When you find a project or asset
you're interested in, select it from the list and it will be highlighted on the map.  If you click on an
individual asset or project on the map, additional detail will be provided.",
    LayerInfo: [{
        Key: "capitalProjects",
        DisplayText: "City Construction Projects",
        LayerURL: "http://arcgis-two-1334003536.us-west-
1.elb.amazonaws.com/arcgis/rest/services/InfrastructureAlertsHostSimple/MapServer/6",
        RippleColor: "#C35617",
        isLayerVisible: true,
        defaultTabOpen: true,
        OutFields: "*",
        DateFields: "PLANSTART,PLANEND",
        ListViewFormat: "<b>Project Name:</b> ${WORKID}<br/><b>Location:</b>
${LOCATION}<br/><b>Planned Start Date:</b> ${PLANSTART}",
        InfoWindowHeader: "${WORKID}",
        InfoWindowSize: "330,310",
        InfoWindowFields: "Location:${LOCATION},Project Status:${WORKSTATUS},Planned Start
Date:${PLANSTART},Planned End Date:${PLANEND},Responsible
Agency:${ASSIGNEDTO},Supervisor:${SUPERVISOR}",
        hasDefinitionExpression: false,
        DefinitionExpression: "",
        FilterDays: 0
    }, {
        Key: "externalAgencyProjects",
        DisplayText: "Private Utility and Transit Projects",
        LayerURL: "http://arcgis-two-1334003536.us-west-
1.elb.amazonaws.com/arcgis/rest/services/InfrastructureAlertsHostSimple/MapServer/7",
        RippleColor: "#BCE954",
        isLayerVisible: false,
        defaultTabOpen: false,
        OutFields: "*",
        DateFields: "STARTDATE,ENDDATE",
        ListViewFormat: "<b>Project Name:</b> ${PROJNAME}<br/><b>Planned Start Date:</b>
${STARTDATE}",
        InfoWindowHeader: "${PROJNAME}",
        InfoWindowSize: "330,310",
        InfoWindowFields: "Planned Start Date:${STARTDATE},Planned End
Date:${ENDDATE},Responsible
Agency:${AGENCY},Contact:${CONTACTNAME},Phone:${PHONE},Email:${EMAIL}",
        hasDefinitionExpression: false,
```

```
          DefinitionExpression: "",
          FilterDays: 712
      }, {
          Key: "infrastructureAlerts",
          DisplayText: "Public Notices and Alerts",
          LayerURL: "http://arcgis-two-1334003536.us-west-
1.elb.amazonaws.com/arcgis/rest/services/InfrastructureAlertsHostSimple/MapServer/5",
          RippleColor: "#C11B17",
          isLayerVisible: false,
          defaultTabOpen: false,
          OutFields: "*",
          DateFields: "START,ALERTEND",
          ListViewFormat: "<b>Alert Type:</b> ${ALERTTYPE}<br/><b>Description:</b>
${DESCRIPTION}<br/><b>Start:</b> ${START}<br/><b>End:</b> ${ALERTEND}<br/><b>Contact:</b>
${CONTACT}",
          InfoWindowHeader: "${ALERTTYPE}",
          InfoWindowSize: "330,310",
          InfoWindowFields: "Start:${START},End:${ALERTEND},Description:${DESCRIPTION},Contact
Name:${CONTACT}",
          hasDefinitionExpression: false,
          DefinitionExpression: "",
          FilterDays: 0
      }, {
          Key: "leaksMainBreaks",
          DisplayText: "Water Main Leaks and Breaks",
          LayerURL: "http://arcgis-two-1334003536.us-west-
1.elb.amazonaws.com/arcgis/rest/services/InfrastructureAlertsHostSimple/MapServer/2",
          RippleColor: "#C11B17",
          isLayerVisible: false,
          defaultTabOpen: false,
          OutFields: "*",
          DateFields: "LEAKSTART,LEAKEND",
          ListViewFormat: "<b>Problem Type:</b> ${LEAKTYPE}<br/><b>Start:</b>
${LEAKSTART}<br/><b>End:</b> ${LEAKEND}<br/><b>Total Gallons Lost:</b> ${TOTALGALL}",
          InfoWindowHeader: "${LEAKTYPE}",
          InfoWindowSize: "330,310",
          InfoWindowFields: "Description:${NOTES},Repair
Status:${REPSTATUS},Start:${LEAKSTART},End:${LEAKEND},Total Gallons Lost:${TOTALGALL},Repair
Method:${REPAIRMETH},Pipe Condition:${PIPECOND}",
          hasDefinitionExpression: true,
          DefinitionExpression: "REPSTATUS = 'In Progress'",
          FilterDays: null
      }, {
          Key: "sanitaryBackup",
          DisplayText: "Sewer Backups",
          LayerURL: "http://arcgis-two-1334003536.us-west-
1.elb.amazonaws.com/arcgis/rest/services/InfrastructureAlertsHostSimple/MapServer/3",
          RippleColor: "#4AA02C",
```

```
        isLayerVisible: false,
        defaultTabOpen: false,
        OutFields: "*",
        DateFields: "BACKUPSTART,BACKUPEND",
        ListViewFormat: "<b>Start:</b> ${BACKUPSTART}<br/><b>End:</b>
${BACKUPEND}<br/><b>Repair Status:</b> ${REPSTATUS}",
        InfoWindowHeader: "Sewer Backups",
        InfoWindowSize: "330,310",
        InfoWindowFields: "Start:${BACKUPSTART},End:${BACKUPEND},Repair
Status:${REPSTATUS},Total Gallons Lost:${TOTALGALL}",
        hasDefinitionExpression: false,
        DefinitionExpression: "",
        FilterDays: 0
    }, {
        Key: "sanitaryOverflow",
        DisplayText: "Sewer Overflows",
        LayerURL: "http://arcgis-two-1334003536.us-west-
1.elb.amazonaws.com/arcgis/rest/services/InfrastructureAlertsHostSimple/MapServer/4",
        RippleColor: "#4AA02C",
        isLayerVisible: false,
        defaultTabOpen: false,
        OutFields: "*",
        DateFields: "OVRFLWSTART,OVRFLWEND",
        ListViewFormat: "<b>Start:</b> ${OVRFLWSTART}<br/><b>End:</b>
${OVRFLWEND}<br/><b>Repair Status:</b> ${REPSTATUS}",
        InfoWindowHeader: "Sewer Overflows",
        InfoWindowSize: "330,310",
        InfoWindowFields: "Start:${OVRFLWSTART},End:${OVRFLWEND},Repair
Status:${REPSTATUS},Total Gallons Lost:${TOTALGALL}",
        hasDefinitionExpression: false,
        DefinitionExpression: "",
        FilterDays: 0
    }]
},
```

SocialMedia: Configurable items for SocialMedia tab

```
{
        Instructions: "<br/><b>Social Media Feeds:</b> <br/> <br/>You can also discover what is
being said about events and activities happening in and around the City of Naperville by looking
closer at social media feeds from <b>YouTube, Twitter and Flickr</b>. <br/> <br/><b>Please
note:</b> <br/> <br/>This information is being provided directly from YouTube, Twitter and Flickr
sources and is not filtered before being displayed in this application.<br/>",
    MediaSearchAttributes: "TIME,POINTY,POINTX,SEARCHTAG",
    LayerInfo: [{
        Key: "yt",
        DisplayText: "YouTube",
        imageURL: "images/YouTubePin.png",
```

```
        mediaDetail: 'Geotaggedvideosfilteredby"${0}"fromYouTube',
        searchTag: "Naperville",
        requireGeometry: true,
        FeedURL: "http://gdata.youtube.com/feeds/api/videos?q=${SEARCHTAG}&max-
results=50&time=${TIME}&v=2&lr=en&location=${POINTY},${POINTX}&location-
radius=30mi&alt=json",
        UseUTCDate: false,
        MonthRangeKey: "all_time",
        DayRangeKey: "today",
        DateFormat: "",
        CallBackParamName: "callback",
        FeedAttribute: "feed.entry",
        FeedSource: "content.src",
        FeedTitle: "title.$t",
        FeedID: "id.$t",
        FeedLocation: "georss$where.gml$Point.gml$pos.$t",
        FeedLocationSplit: " ",
        CheckValidFeed: "georss$where",
        CheckHyperLinks: false,
        InfoWindowSize: "330,310",
        InfoWindowTemplate: '<div style="text-align:center; margin:0 auto;"><object width="275"
height="200"><param name="movie" value= ${CONTENT}></param><param
name="allowFullScreen" value="true"></param><param name="allowscriptaccess"
value="always"></param><embed src=${CONTENT} type="application/x-shockwave-flash"
allowscriptaccess="always" allowfullscreen="true" wmode="transparent" width="225"
height="225"></embed></object></div>'
    }, {
        Key: "tw",
        DisplayText: "Twitter",
        imageURL: "images/TwitterPin.png",
        mediaDetail: 'Geotaggedtweetsfilteredby"${0}"fromTwitter',
        searchTag: "Naperville",
        requireGeometry: true,
        FeedURL: "http://search.twitter.com/search.json?q=${SEARCHTAG}&since
date=${TIME}&geocode=${POINTY}%2c${POINTX}%2c30mi&rpp=100&result_type=mixed",
        UseUTCDate: true,
        MonthRangeDays: 4,
        DateFormat: "yyyy-MM-dd",
        CallBackParamName: "callback",
        FeedAttribute: "results",
        FeedSource: "text",
        FeedTitle: "from_user",
        FeedID: "id",
        FeedLocation: "location",
        FeedLocationSplit: ",",
        CheckHyperLinks: true,
        InfoWindowSize: "330,310",
        InfoWindowTemplate: '${TITLE}says: <br/>${CONTENT}'
```

```
    }, {
        Key: "fl",
        DisplayText: "Flickr",
        imageURL: "images/FlickrPin.png",
        mediaDetail: 'Geotaggedphotosfilteredby"${0}"fromFlickr',
        searchTag: "Naperville",
        requireGeometry: false,
        FeedURL:
"http://api.flickr.com/services/rest/?method=flickr.photos.search&api_key=404ebea7d5bc27aa5251
d1207620e99b&tags=${SEARCHTAG}&min_taken_date=${TIME}&accuracy=6&has_geo=1&extras=da
te_taken%2Call_extras%2Cgeo%2Cowner_name%2Clicense%2Co_dims&per_page=500&format=json
",
        UseUTCDate: true,
        MonthRangeDays: 30,
        DateFormat: "yyyy-MM-dd",
        hasCustomFeedSource: true,
        CallBackParamName: "jsoncallback",
        FeedAttribute: "photos.photo",
        FeedSource: "http://farm${farm}.static.flickr.com/${server}/${id}_${secret}.jpg",
        FeedTitle: "title",
        FeedID: "id",
        FeedLatitude: "latitude",
        FeedLongitude: "longitude",
        CheckValidFeed: "latitude",
        CheckHyperLinks: false,
        InfoWindowSize: "330,310",
        InfoWindowTemplate: '<div style="text-align:center; margin:0 auto;"><img
style="width:275px;height:180px;" src=${CONTENT}>'
    }]
},


LocatorSettings:  Settings for Locator {
            DefaultLocatorSymbol: "images/pushpin.png",
        MarkupSymbolSize: {
            width: 35,
            height: 35
        },
        Locators: [{
            DisplayText: "Address",
            DefaultValue: "971 Sylvan Cir,Naperville,IL,60540",
            LocatorParamaters: ["SingleLine"],
            LocatorURL:
"http://tasks.arcgisonline.com/ArcGIS/rest/services/Locators/TA_Address_NA_10/GeocodeServer",
            CandidateFields: "Loc_name, Score, Match_addr",
            DisplayField: "${Match_addr}",
            ZoomLevel: 7,
            AddressMatchScore: 80,
```

```
         LocatorFieldName: 'Loc_name',
         LocatorFieldValues: ["US_Streets", "US_StreetName"]
      }, {
         DisplayText: "Request ID",
         DefaultValue: "152",
         QueryString: "REQUESTID like '%${0}%'",
         DisplayField: "${REQUESTID}"
      }]
   },
```

MapSharingOptions: Share-URL for TinyURL service, URLs for Media feeds

```
   {
            TinyURLServiceURL:
   "http://api.bit.ly/v3/shorten?login=esri&apiKey=f53ad40a4f3baac4331e18da680c071c&uri=${0}&for
   mat=json",
         TinyURLResponseAttribute: "data.url",
         FacebookShareURL:
   "http://www.facebook.com/sharer.php?u=${0}&t=Public%20Information%20Center",
         TwitterShareURL: "http://twitter.com/home/?status=Public%20Information%20Center' ${0}",
         ShareByMailLink: "mailto:%20?subject=Public%20Information%20Center&body=${0}"
      }
   });
```