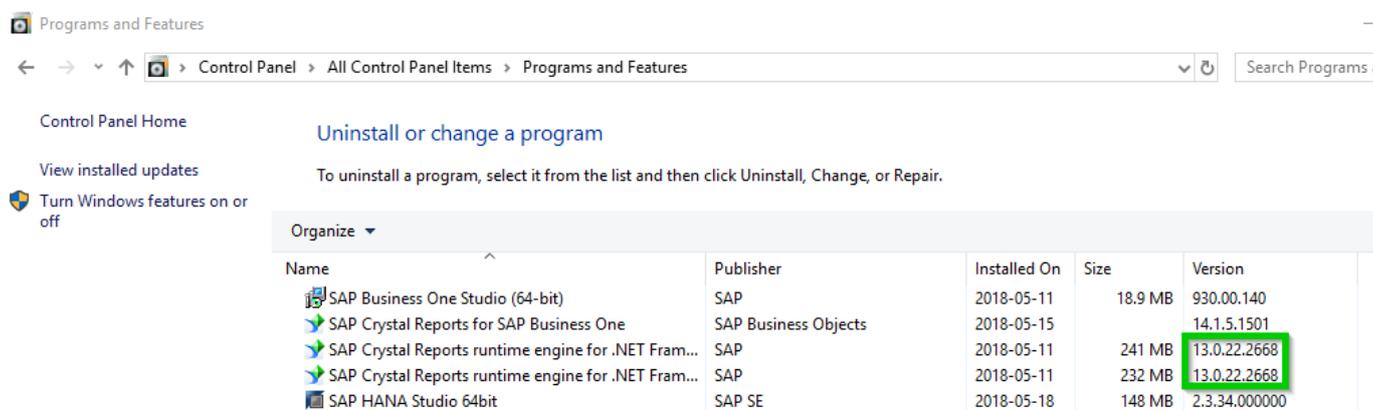


# 5. Printing

## 5.1. Printing does not work on SBO 9.3 PL04

Starting from SBO 9.3 PL04, SBO includes a new SAP Crystal Reports runtime engine version 13.0.22 (technical version number 13.0.3500.0). In the past the SAP Crystal Reports runtime engine version 13.0.14 (technical version number 13.0.2000.0.) was used. **Produmex Manufacturing will support the new Crystal Reports version from version 18.2.**

You can check the current SAP Crystal Reports version on Control Panel > All Control Panel Items > Programs and Features.



### Workaround for Produmex Manufacturing version 18.1 or older

In order to print with version 18.1 (or older) of Produmex Manufacturing on SBO 9.3 PL04, make the following modifications:

1. Adjust the app config file of the Service Broker. Open the BxServiceBroker.Service.exe.config file from *C:\Program Files (x86)\Produmex\ServiceBroker\* with a text editor. Insert the following code after the already existing "dependentAssembly" tags.

```

<dependentAssembly>
  <assemblyIdentity name="CrystalDecisions.CrystalReports.Engine"
publicKeyToken="692fbea5521e1304" culture="neutral"/>
  <bindingRedirect oldVersion="13.0.2000.0" newVersion="13.0.3500.0"/>
</dependentAssembly>
<dependentAssembly>
  <assemblyIdentity name="CrystalDecisions.ReportSource"
publicKeyToken="692fbea5521e1304" culture="neutral"/>
  <bindingRedirect oldVersion="13.0.2000.0" newVersion="13.0.3500.0"/>
</dependentAssembly>
<dependentAssembly>
  <assemblyIdentity name="CrystalDecisions.Shared"
publicKeyToken="692fbea5521e1304" culture="neutral"/>
  <bindingRedirect oldVersion="13.0.2000.0" newVersion="13.0.3500.0"/>
</dependentAssembly>

```

```
<dependentAssembly>
  <assemblyIdentity name="CrystalDecisions.Windows.Forms"
publicKeyToken="692fbea5521e1304" culture="neutral"/>
  <bindingRedirect oldVersion="13.0.2000.0" newVersion="13.0.3500.0"/>
</dependentAssembly>
```

```
<dependentAssembly>
  <assemblyIdentity name="System.Net.Http" publicKeyToken="b03f5f7f11d50a3a" culture="neutral" />
  <bindingRedirect oldVersion="0.0.0.0-2.2.13.0" newVersion="2.2.13.0" />
</dependentAssembly>
<dependentAssembly>
  <assemblyIdentity name="CrystalDecisions.CrystalReports.Engine" publicKeyToken="692fbea5521e1304" culture="neutral"/>
  <bindingRedirect oldVersion="13.0.2000.0" newVersion="13.0.3500.0"/>
</dependentAssembly>
<dependentAssembly>
  <assemblyIdentity name="CrystalDecisions.ReportSource" publicKeyToken="692fbea5521e1304" culture="neutral"/>
  <bindingRedirect oldVersion="13.0.2000.0" newVersion="13.0.3500.0"/>
</dependentAssembly>
<dependentAssembly>
  <assemblyIdentity name="CrystalDecisions.Shared" publicKeyToken="692fbea5521e1304" culture="neutral"/>
  <bindingRedirect oldVersion="13.0.2000.0" newVersion="13.0.3500.0"/>
</dependentAssembly>
<dependentAssembly>
  <assemblyIdentity name="CrystalDecisions.Windows.Forms" publicKeyToken="692fbea5521e1304" culture="neutral"/>
  <bindingRedirect oldVersion="13.0.2000.0" newVersion="13.0.3500.0"/>
</dependentAssembly>
</assemblyBinding>
</runtime>
</configuration>
```

2. Adjust the app config file of the Produmex Manufacturing add-on as well. Open the BXPPSAddOn.exe.config from C:\Program Files (x86)\SAP\SAP Business One\AddOns\BXP\Produmex Manufacturing with a text editor. Insert the following code right before the closing </configuration> tag.

```
<runtime>
  <assemblyBinding xmlns="urn:schemas-microsoft-com:asm.v1">
    <dependentAssembly>
      <assemblyIdentity name="CrystalDecisions.CrystalReports.Engine"
publicKeyToken="692fbea5521e1304" culture="neutral"/>
      <bindingRedirect oldVersion="13.0.2000.0" newVersion="13.0.3500.0"/>
    </dependentAssembly>
    <dependentAssembly>
      <assemblyIdentity name="CrystalDecisions.ReportSource"
publicKeyToken="692fbea5521e1304" culture="neutral"/>
      <bindingRedirect oldVersion="13.0.2000.0" newVersion="13.0.3500.0"/>
    </dependentAssembly>
    <dependentAssembly>
      <assemblyIdentity name="CrystalDecisions.Shared"
publicKeyToken="692fbea5521e1304" culture="neutral"/>
      <bindingRedirect oldVersion="13.0.2000.0" newVersion="13.0.3500.0"/>
    </dependentAssembly>
    <dependentAssembly>
      <assemblyIdentity name="CrystalDecisions.Windows.Forms"
publicKeyToken="692fbea5521e1304" culture="neutral"/>
      <bindingRedirect oldVersion="13.0.2000.0" newVersion="13.0.3500.0"/>
    </dependentAssembly>
  </assemblyBinding>
</runtime>
```

</runtime>

```
</appSettings>  
<startup useLegacyV2RuntimeActivationPolicy="true"><supportedRuntime version="v4.0" sku=".NETFramework,Version=v4.0"/>  
</startup>  
<runtime>  
  <assemblyBinding xmlns="urn:schemas-microsoft-com:asm.v1">  
    <dependentAssembly>  
      <assemblyIdentity name="CrystalDecisions.CrystalReports.Engine" publicKeyToken="692fba5521e1304" culture="neutral"/>  
      <bindingRedirect oldVersion="13.0.2000.0" newVersion="13.0.3500.0"/>  
    </dependentAssembly>  
    <dependentAssembly>  
      <assemblyIdentity name="CrystalDecisions.ReportSource" publicKeyToken="692fba5521e1304" culture="neutral"/>  
      <bindingRedirect oldVersion="13.0.2000.0" newVersion="13.0.3500.0"/>  
    </dependentAssembly>  
    <dependentAssembly>  
      <assemblyIdentity name="CrystalDecisions.Shared" publicKeyToken="692fba5521e1304" culture="neutral"/>  
      <bindingRedirect oldVersion="13.0.2000.0" newVersion="13.0.3500.0"/>  
    </dependentAssembly>  
    <dependentAssembly>  
      <assemblyIdentity name="CrystalDecisions.Windows.Forms" publicKeyToken="692fba5521e1304" culture="neutral"/>  
      <bindingRedirect oldVersion="13.0.2000.0" newVersion="13.0.3500.0"/>  
    </dependentAssembly>  
  </assemblyBinding>  
</runtime>  
</configuration>
```

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