1. Title of the user story
   • Distribution of georeferenced maps over internet

2. ISO/TC211 standard(s) used
   • ISO 19128 - Geographic information — Web map server interface

3. How the standard(s) is(are) used in our processes/projects
   • The ISO 19128 standard uses geographic information from a data source and creates from it a map in the form of a digital image file suitable for display on a computer screen and easy to distribute over the Internet.
   • In Sweden and at Lantmäteriet this standard is used to distribute a number of map products. The most commonly used is our topographical map adapted for map applications on the web, displayed with a harmonized cartography between the scales. By using the service you get access to a map that is very up to date, where changes are brought in every 24 hours. Other data distributed by Lantmäteriet using this standard are e.g. control points, cadastral parcels, plans and regulations, orthophotos, elevation model, just to pick a few.

4. Benefits for the user
   • Map images from one or many organizations that might not be accessible for people in general can easily and cheap be shared over internet and used in a variety of apps. The map images can be used as background maps or reference data or maps from different sources can be combined to create new valuable information. Since the map image is created on request from an application and data can be retrieved directly from the source, it is easy to deliver the most updated information available. The simplicity of publishing data also helps organizations follow directives on transparency and accessibility. The standard also empower decision makers to access geographic information on their own without the need for expertise to compile and prepare reports with the most up-to-date information over and over again.

5. Country
   • Sweden

6. Organization, web address
   • Lantmäteriet, www.lantmateriet.se

7. Contact person, email, date
   • Fredrik Persäter, Fredrik.Persater@lm.se, May 2020