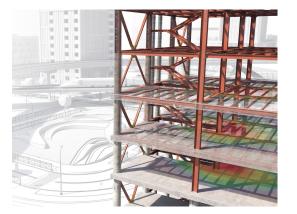
# Neural Machine Translation – Localization and beyond

Emanuele Dias Principal Machine Learning Engineer



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## Autodesk – What do we do



Construction

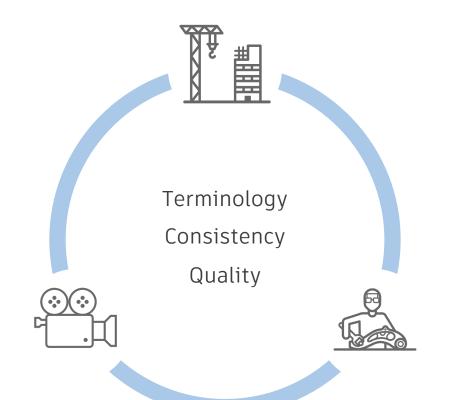


Manufacturing

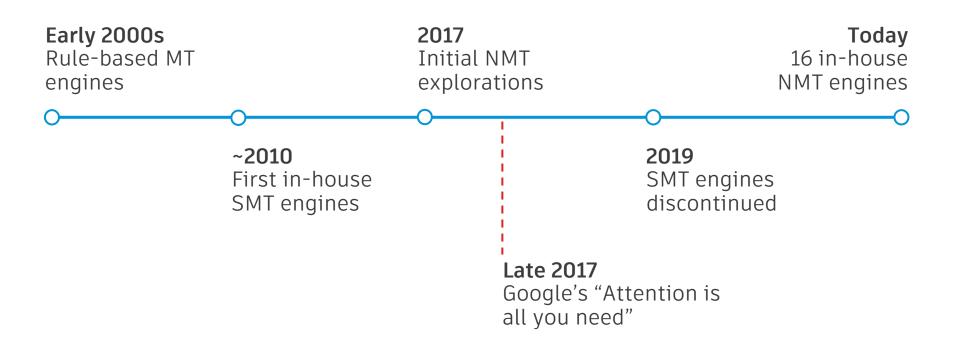


Media and Entertainment

# **Our Localization Challenges**



# Autodesk's MT history











Quality



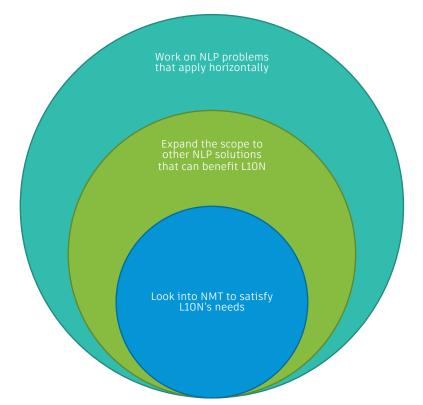
Know-how

# Quality

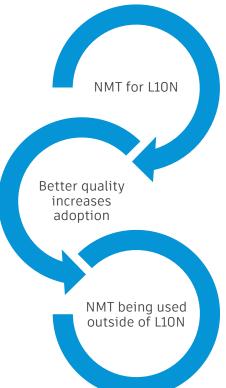
- Better overall quality and a more consistent handling of "external entities"
  - Less post-editing (PE) required
  - Better PE rates
  - More raw MT content
- Ability to fix problems quickly and with increased precision

Language	Difference (average rating points)	Autodesk	Best-Performing Competitor
Czech	2.46	78.56	76.10 (Google)
German	5.49	91.64	86.15 (Google)
Hungarian	9.17	73.80	64.63 (Google)
Chinese (Simplified)	5.71	87.68	81.97 (Google)
Japanese	1.72	89.21	87.60 (Google)
Portuguese (Brazilian)	2.32	89.30	86.96 (Google)
Spanish	5.16	90.12	84.96 (Google)

#### Know-how



## NMT Beyond Localization



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