Др\_Разработка автоматизированного рабочего места специалиста для организации

СТР\_67

[Введение](file:///A%3A%5C%D0%A1%D0%B5%D0%B7%D0%BE%D0%BD%202020-2021%5C%D0%A1%D0%A6%D0%98%D0%94%5C2023%5C%D0%94%D0%B8%D0%BF%D0%BB%D0%BE%D0%BC%D0%BD%D1%8B%D0%B5%20%D1%80%D0%B0%D0%B1%D0%BE%D1%82%D1%8B%5C%D0%98%D0%9D%D0%A4%D0%9E%D0%A0%D0%9C%D0%90%D0%A6%D0%98%D0%9E%D0%9D%D0%9D%D0%AB%D0%95%20%D0%A1%D0%98%D0%A1%D0%A2%D0%95%D0%9C%D0%AB%5C%D0%94%D1%80_%D0%9E%D0%BC%D1%81%D0%BA%20%D0%A0%D0%B0%D0%B7%D1%80%D0%B0%D0%B1%D0%BE%D1%82%D0%BA%D0%B0%20%D0%B0%D0%B2%D1%82%D0%BE%D0%BC%D0%B0%D1%82%D0%B8%D0%B7%D0%B8%D1%80%D0%BE%D0%B2%D0%B0%D0%BD%D0%BD%D0%BE%D0%B3%D0%BE%20%D1%80%D0%B0%D0%B1%D0%BE%D1%87%D0%B5%D0%B3%D0%BE%20%D0%BC%D0%B5%D1%81%D1%82%D0%B0%20%D1%81%D0%BF%D0%B5%D1%86%D0%B8%D0%B0%D0%BB%D0%B8%D1%81%D1%82%D0%B0%20%D0%B4%D0%BB%D1%8F%20%D0%BE%D1%80%D0%B3%D0%B0%D0%BD%D0%B8%D0%B7%D0%B0%D1%86%D0%B8%D0%B8%20%28%D0%BD%D0%B0%20%D0%BF%D1%80%D0%B8%D0%BC%D0%B5%D1%80%D0%B5%20Factum%20Agency%29%5C%D0%92%D0%9A%D0%A0%20%D0%A0%D0%B0%D0%B7%D1%80%D0%B0%D0%B1%D0%BE%D1%82%D0%BA%D0%B0%20%D0%90%D0%A0%D0%9C%20%D1%81%D0%BF%D0%B5%D1%86%D0%B8%D0%B0%D0%BB%D0%B8%D1%81%D1%82%D0%B0%20%D0%B4%D0%BB%D1%8F%20%D0%BE%D1%80%D0%B3%D0%B0%D0%BD%D0%B8%D0%B7%D0%B0%D1%86%D0%B8%D0%B8%20%28%D0%BD%D0%B0%20%D0%BF%D1%80%D0%B8%D0%BC%D0%B5%D1%80%D0%B5%20Factum%20Agency%29.doc#_Toc126086173)

[1 Теоретические аспекты разработки и использования автоматизированного рабочего места специалиста для организации](file:///A%3A%5C%D0%A1%D0%B5%D0%B7%D0%BE%D0%BD%202020-2021%5C%D0%A1%D0%A6%D0%98%D0%94%5C2023%5C%D0%94%D0%B8%D0%BF%D0%BB%D0%BE%D0%BC%D0%BD%D1%8B%D0%B5%20%D1%80%D0%B0%D0%B1%D0%BE%D1%82%D1%8B%5C%D0%98%D0%9D%D0%A4%D0%9E%D0%A0%D0%9C%D0%90%D0%A6%D0%98%D0%9E%D0%9D%D0%9D%D0%AB%D0%95%20%D0%A1%D0%98%D0%A1%D0%A2%D0%95%D0%9C%D0%AB%5C%D0%94%D1%80_%D0%9E%D0%BC%D1%81%D0%BA%20%D0%A0%D0%B0%D0%B7%D1%80%D0%B0%D0%B1%D0%BE%D1%82%D0%BA%D0%B0%20%D0%B0%D0%B2%D1%82%D0%BE%D0%BC%D0%B0%D1%82%D0%B8%D0%B7%D0%B8%D1%80%D0%BE%D0%B2%D0%B0%D0%BD%D0%BD%D0%BE%D0%B3%D0%BE%20%D1%80%D0%B0%D0%B1%D0%BE%D1%87%D0%B5%D0%B3%D0%BE%20%D0%BC%D0%B5%D1%81%D1%82%D0%B0%20%D1%81%D0%BF%D0%B5%D1%86%D0%B8%D0%B0%D0%BB%D0%B8%D1%81%D1%82%D0%B0%20%D0%B4%D0%BB%D1%8F%20%D0%BE%D1%80%D0%B3%D0%B0%D0%BD%D0%B8%D0%B7%D0%B0%D1%86%D0%B8%D0%B8%20%28%D0%BD%D0%B0%20%D0%BF%D1%80%D0%B8%D0%BC%D0%B5%D1%80%D0%B5%20Factum%20Agency%29%5C%D0%92%D0%9A%D0%A0%20%D0%A0%D0%B0%D0%B7%D1%80%D0%B0%D0%B1%D0%BE%D1%82%D0%BA%D0%B0%20%D0%90%D0%A0%D0%9C%20%D1%81%D0%BF%D0%B5%D1%86%D0%B8%D0%B0%D0%BB%D0%B8%D1%81%D1%82%D0%B0%20%D0%B4%D0%BB%D1%8F%20%D0%BE%D1%80%D0%B3%D0%B0%D0%BD%D0%B8%D0%B7%D0%B0%D1%86%D0%B8%D0%B8%20%28%D0%BD%D0%B0%20%D0%BF%D1%80%D0%B8%D0%BC%D0%B5%D1%80%D0%B5%20Factum%20Agency%29.doc#_Toc126086175)

[1.1 Технико-экономическая характеристика предметной области](file:///A%3A%5C%D0%A1%D0%B5%D0%B7%D0%BE%D0%BD%202020-2021%5C%D0%A1%D0%A6%D0%98%D0%94%5C2023%5C%D0%94%D0%B8%D0%BF%D0%BB%D0%BE%D0%BC%D0%BD%D1%8B%D0%B5%20%D1%80%D0%B0%D0%B1%D0%BE%D1%82%D1%8B%5C%D0%98%D0%9D%D0%A4%D0%9E%D0%A0%D0%9C%D0%90%D0%A6%D0%98%D0%9E%D0%9D%D0%9D%D0%AB%D0%95%20%D0%A1%D0%98%D0%A1%D0%A2%D0%95%D0%9C%D0%AB%5C%D0%94%D1%80_%D0%9E%D0%BC%D1%81%D0%BA%20%D0%A0%D0%B0%D0%B7%D1%80%D0%B0%D0%B1%D0%BE%D1%82%D0%BA%D0%B0%20%D0%B0%D0%B2%D1%82%D0%BE%D0%BC%D0%B0%D1%82%D0%B8%D0%B7%D0%B8%D1%80%D0%BE%D0%B2%D0%B0%D0%BD%D0%BD%D0%BE%D0%B3%D0%BE%20%D1%80%D0%B0%D0%B1%D0%BE%D1%87%D0%B5%D0%B3%D0%BE%20%D0%BC%D0%B5%D1%81%D1%82%D0%B0%20%D1%81%D0%BF%D0%B5%D1%86%D0%B8%D0%B0%D0%BB%D0%B8%D1%81%D1%82%D0%B0%20%D0%B4%D0%BB%D1%8F%20%D0%BE%D1%80%D0%B3%D0%B0%D0%BD%D0%B8%D0%B7%D0%B0%D1%86%D0%B8%D0%B8%20%28%D0%BD%D0%B0%20%D0%BF%D1%80%D0%B8%D0%BC%D0%B5%D1%80%D0%B5%20Factum%20Agency%29%5C%D0%92%D0%9A%D0%A0%20%D0%A0%D0%B0%D0%B7%D1%80%D0%B0%D0%B1%D0%BE%D1%82%D0%BA%D0%B0%20%D0%90%D0%A0%D0%9C%20%D1%81%D0%BF%D0%B5%D1%86%D0%B8%D0%B0%D0%BB%D0%B8%D1%81%D1%82%D0%B0%20%D0%B4%D0%BB%D1%8F%20%D0%BE%D1%80%D0%B3%D0%B0%D0%BD%D0%B8%D0%B7%D0%B0%D1%86%D0%B8%D0%B8%20%28%D0%BD%D0%B0%20%D0%BF%D1%80%D0%B8%D0%BC%D0%B5%D1%80%D0%B5%20Factum%20Agency%29.doc#_Toc126086176)

[компании](file:///A%3A%5C%D0%A1%D0%B5%D0%B7%D0%BE%D0%BD%202020-2021%5C%D0%A1%D0%A6%D0%98%D0%94%5C2023%5C%D0%94%D0%B8%D0%BF%D0%BB%D0%BE%D0%BC%D0%BD%D1%8B%D0%B5%20%D1%80%D0%B0%D0%B1%D0%BE%D1%82%D1%8B%5C%D0%98%D0%9D%D0%A4%D0%9E%D0%A0%D0%9C%D0%90%D0%A6%D0%98%D0%9E%D0%9D%D0%9D%D0%AB%D0%95%20%D0%A1%D0%98%D0%A1%D0%A2%D0%95%D0%9C%D0%AB%5C%D0%94%D1%80_%D0%9E%D0%BC%D1%81%D0%BA%20%D0%A0%D0%B0%D0%B7%D1%80%D0%B0%D0%B1%D0%BE%D1%82%D0%BA%D0%B0%20%D0%B0%D0%B2%D1%82%D0%BE%D0%BC%D0%B0%D1%82%D0%B8%D0%B7%D0%B8%D1%80%D0%BE%D0%B2%D0%B0%D0%BD%D0%BD%D0%BE%D0%B3%D0%BE%20%D1%80%D0%B0%D0%B1%D0%BE%D1%87%D0%B5%D0%B3%D0%BE%20%D0%BC%D0%B5%D1%81%D1%82%D0%B0%20%D1%81%D0%BF%D0%B5%D1%86%D0%B8%D0%B0%D0%BB%D0%B8%D1%81%D1%82%D0%B0%20%D0%B4%D0%BB%D1%8F%20%D0%BE%D1%80%D0%B3%D0%B0%D0%BD%D0%B8%D0%B7%D0%B0%D1%86%D0%B8%D0%B8%20%28%D0%BD%D0%B0%20%D0%BF%D1%80%D0%B8%D0%BC%D0%B5%D1%80%D0%B5%20Factum%20Agency%29%5C%D0%92%D0%9A%D0%A0%20%D0%A0%D0%B0%D0%B7%D1%80%D0%B0%D0%B1%D0%BE%D1%82%D0%BA%D0%B0%20%D0%90%D0%A0%D0%9C%20%D1%81%D0%BF%D0%B5%D1%86%D0%B8%D0%B0%D0%BB%D0%B8%D1%81%D1%82%D0%B0%20%D0%B4%D0%BB%D1%8F%20%D0%BE%D1%80%D0%B3%D0%B0%D0%BD%D0%B8%D0%B7%D0%B0%D1%86%D0%B8%D0%B8%20%28%D0%BD%D0%B0%20%D0%BF%D1%80%D0%B8%D0%BC%D0%B5%D1%80%D0%B5%20Factum%20Agency%29.doc#_Toc126086177)

[1.2 Экономическая сущность задачи](file:///A%3A%5C%D0%A1%D0%B5%D0%B7%D0%BE%D0%BD%202020-2021%5C%D0%A1%D0%A6%D0%98%D0%94%5C2023%5C%D0%94%D0%B8%D0%BF%D0%BB%D0%BE%D0%BC%D0%BD%D1%8B%D0%B5%20%D1%80%D0%B0%D0%B1%D0%BE%D1%82%D1%8B%5C%D0%98%D0%9D%D0%A4%D0%9E%D0%A0%D0%9C%D0%90%D0%A6%D0%98%D0%9E%D0%9D%D0%9D%D0%AB%D0%95%20%D0%A1%D0%98%D0%A1%D0%A2%D0%95%D0%9C%D0%AB%5C%D0%94%D1%80_%D0%9E%D0%BC%D1%81%D0%BA%20%D0%A0%D0%B0%D0%B7%D1%80%D0%B0%D0%B1%D0%BE%D1%82%D0%BA%D0%B0%20%D0%B0%D0%B2%D1%82%D0%BE%D0%BC%D0%B0%D1%82%D0%B8%D0%B7%D0%B8%D1%80%D0%BE%D0%B2%D0%B0%D0%BD%D0%BD%D0%BE%D0%B3%D0%BE%20%D1%80%D0%B0%D0%B1%D0%BE%D1%87%D0%B5%D0%B3%D0%BE%20%D0%BC%D0%B5%D1%81%D1%82%D0%B0%20%D1%81%D0%BF%D0%B5%D1%86%D0%B8%D0%B0%D0%BB%D0%B8%D1%81%D1%82%D0%B0%20%D0%B4%D0%BB%D1%8F%20%D0%BE%D1%80%D0%B3%D0%B0%D0%BD%D0%B8%D0%B7%D0%B0%D1%86%D0%B8%D0%B8%20%28%D0%BD%D0%B0%20%D0%BF%D1%80%D0%B8%D0%BC%D0%B5%D1%80%D0%B5%20Factum%20Agency%29%5C%D0%92%D0%9A%D0%A0%20%D0%A0%D0%B0%D0%B7%D1%80%D0%B0%D0%B1%D0%BE%D1%82%D0%BA%D0%B0%20%D0%90%D0%A0%D0%9C%20%D1%81%D0%BF%D0%B5%D1%86%D0%B8%D0%B0%D0%BB%D0%B8%D1%81%D1%82%D0%B0%20%D0%B4%D0%BB%D1%8F%20%D0%BE%D1%80%D0%B3%D0%B0%D0%BD%D0%B8%D0%B7%D0%B0%D1%86%D0%B8%D0%B8%20%28%D0%BD%D0%B0%20%D0%BF%D1%80%D0%B8%D0%BC%D0%B5%D1%80%D0%B5%20Factum%20Agency%29.doc#_Toc126086178)

[1.3 Характеристика задачи и обоснование необходимости автоматизации](file:///A%3A%5C%D0%A1%D0%B5%D0%B7%D0%BE%D0%BD%202020-2021%5C%D0%A1%D0%A6%D0%98%D0%94%5C2023%5C%D0%94%D0%B8%D0%BF%D0%BB%D0%BE%D0%BC%D0%BD%D1%8B%D0%B5%20%D1%80%D0%B0%D0%B1%D0%BE%D1%82%D1%8B%5C%D0%98%D0%9D%D0%A4%D0%9E%D0%A0%D0%9C%D0%90%D0%A6%D0%98%D0%9E%D0%9D%D0%9D%D0%AB%D0%95%20%D0%A1%D0%98%D0%A1%D0%A2%D0%95%D0%9C%D0%AB%5C%D0%94%D1%80_%D0%9E%D0%BC%D1%81%D0%BA%20%D0%A0%D0%B0%D0%B7%D1%80%D0%B0%D0%B1%D0%BE%D1%82%D0%BA%D0%B0%20%D0%B0%D0%B2%D1%82%D0%BE%D0%BC%D0%B0%D1%82%D0%B8%D0%B7%D0%B8%D1%80%D0%BE%D0%B2%D0%B0%D0%BD%D0%BD%D0%BE%D0%B3%D0%BE%20%D1%80%D0%B0%D0%B1%D0%BE%D1%87%D0%B5%D0%B3%D0%BE%20%D0%BC%D0%B5%D1%81%D1%82%D0%B0%20%D1%81%D0%BF%D0%B5%D1%86%D0%B8%D0%B0%D0%BB%D0%B8%D1%81%D1%82%D0%B0%20%D0%B4%D0%BB%D1%8F%20%D0%BE%D1%80%D0%B3%D0%B0%D0%BD%D0%B8%D0%B7%D0%B0%D1%86%D0%B8%D0%B8%20%28%D0%BD%D0%B0%20%D0%BF%D1%80%D0%B8%D0%BC%D0%B5%D1%80%D0%B5%20Factum%20Agency%29%5C%D0%92%D0%9A%D0%A0%20%D0%A0%D0%B0%D0%B7%D1%80%D0%B0%D0%B1%D0%BE%D1%82%D0%BA%D0%B0%20%D0%90%D0%A0%D0%9C%20%D1%81%D0%BF%D0%B5%D1%86%D0%B8%D0%B0%D0%BB%D0%B8%D1%81%D1%82%D0%B0%20%D0%B4%D0%BB%D1%8F%20%D0%BE%D1%80%D0%B3%D0%B0%D0%BD%D0%B8%D0%B7%D0%B0%D1%86%D0%B8%D0%B8%20%28%D0%BD%D0%B0%20%D0%BF%D1%80%D0%B8%D0%BC%D0%B5%D1%80%D0%B5%20Factum%20Agency%29.doc#_Toc126086179)

[1.4 Постановка задачи](file:///A%3A%5C%D0%A1%D0%B5%D0%B7%D0%BE%D0%BD%202020-2021%5C%D0%A1%D0%A6%D0%98%D0%94%5C2023%5C%D0%94%D0%B8%D0%BF%D0%BB%D0%BE%D0%BC%D0%BD%D1%8B%D0%B5%20%D1%80%D0%B0%D0%B1%D0%BE%D1%82%D1%8B%5C%D0%98%D0%9D%D0%A4%D0%9E%D0%A0%D0%9C%D0%90%D0%A6%D0%98%D0%9E%D0%9D%D0%9D%D0%AB%D0%95%20%D0%A1%D0%98%D0%A1%D0%A2%D0%95%D0%9C%D0%AB%5C%D0%94%D1%80_%D0%9E%D0%BC%D1%81%D0%BA%20%D0%A0%D0%B0%D0%B7%D1%80%D0%B0%D0%B1%D0%BE%D1%82%D0%BA%D0%B0%20%D0%B0%D0%B2%D1%82%D0%BE%D0%BC%D0%B0%D1%82%D0%B8%D0%B7%D0%B8%D1%80%D0%BE%D0%B2%D0%B0%D0%BD%D0%BD%D0%BE%D0%B3%D0%BE%20%D1%80%D0%B0%D0%B1%D0%BE%D1%87%D0%B5%D0%B3%D0%BE%20%D0%BC%D0%B5%D1%81%D1%82%D0%B0%20%D1%81%D0%BF%D0%B5%D1%86%D0%B8%D0%B0%D0%BB%D0%B8%D1%81%D1%82%D0%B0%20%D0%B4%D0%BB%D1%8F%20%D0%BE%D1%80%D0%B3%D0%B0%D0%BD%D0%B8%D0%B7%D0%B0%D1%86%D0%B8%D0%B8%20%28%D0%BD%D0%B0%20%D0%BF%D1%80%D0%B8%D0%BC%D0%B5%D1%80%D0%B5%20Factum%20Agency%29%5C%D0%92%D0%9A%D0%A0%20%D0%A0%D0%B0%D0%B7%D1%80%D0%B0%D0%B1%D0%BE%D1%82%D0%BA%D0%B0%20%D0%90%D0%A0%D0%9C%20%D1%81%D0%BF%D0%B5%D1%86%D0%B8%D0%B0%D0%BB%D0%B8%D1%81%D1%82%D0%B0%20%D0%B4%D0%BB%D1%8F%20%D0%BE%D1%80%D0%B3%D0%B0%D0%BD%D0%B8%D0%B7%D0%B0%D1%86%D0%B8%D0%B8%20%28%D0%BD%D0%B0%20%D0%BF%D1%80%D0%B8%D0%BC%D0%B5%D1%80%D0%B5%20Factum%20Agency%29.doc#_Toc126086180)

[1.5 Анализ существующих разработок и выбор стратегии автоматизации и способа приобретения ИС](file:///A%3A%5C%D0%A1%D0%B5%D0%B7%D0%BE%D0%BD%202020-2021%5C%D0%A1%D0%A6%D0%98%D0%94%5C2023%5C%D0%94%D0%B8%D0%BF%D0%BB%D0%BE%D0%BC%D0%BD%D1%8B%D0%B5%20%D1%80%D0%B0%D0%B1%D0%BE%D1%82%D1%8B%5C%D0%98%D0%9D%D0%A4%D0%9E%D0%A0%D0%9C%D0%90%D0%A6%D0%98%D0%9E%D0%9D%D0%9D%D0%AB%D0%95%20%D0%A1%D0%98%D0%A1%D0%A2%D0%95%D0%9C%D0%AB%5C%D0%94%D1%80_%D0%9E%D0%BC%D1%81%D0%BA%20%D0%A0%D0%B0%D0%B7%D1%80%D0%B0%D0%B1%D0%BE%D1%82%D0%BA%D0%B0%20%D0%B0%D0%B2%D1%82%D0%BE%D0%BC%D0%B0%D1%82%D0%B8%D0%B7%D0%B8%D1%80%D0%BE%D0%B2%D0%B0%D0%BD%D0%BD%D0%BE%D0%B3%D0%BE%20%D1%80%D0%B0%D0%B1%D0%BE%D1%87%D0%B5%D0%B3%D0%BE%20%D0%BC%D0%B5%D1%81%D1%82%D0%B0%20%D1%81%D0%BF%D0%B5%D1%86%D0%B8%D0%B0%D0%BB%D0%B8%D1%81%D1%82%D0%B0%20%D0%B4%D0%BB%D1%8F%20%D0%BE%D1%80%D0%B3%D0%B0%D0%BD%D0%B8%D0%B7%D0%B0%D1%86%D0%B8%D0%B8%20%28%D0%BD%D0%B0%20%D0%BF%D1%80%D0%B8%D0%BC%D0%B5%D1%80%D0%B5%20Factum%20Agency%29%5C%D0%92%D0%9A%D0%A0%20%D0%A0%D0%B0%D0%B7%D1%80%D0%B0%D0%B1%D0%BE%D1%82%D0%BA%D0%B0%20%D0%90%D0%A0%D0%9C%20%D1%81%D0%BF%D0%B5%D1%86%D0%B8%D0%B0%D0%BB%D0%B8%D1%81%D1%82%D0%B0%20%D0%B4%D0%BB%D1%8F%20%D0%BE%D1%80%D0%B3%D0%B0%D0%BD%D0%B8%D0%B7%D0%B0%D1%86%D0%B8%D0%B8%20%28%D0%BD%D0%B0%20%D0%BF%D1%80%D0%B8%D0%BC%D0%B5%D1%80%D0%B5%20Factum%20Agency%29.doc#_Toc126086181)

[1.6 Обоснование проектных решений](file:///A%3A%5C%D0%A1%D0%B5%D0%B7%D0%BE%D0%BD%202020-2021%5C%D0%A1%D0%A6%D0%98%D0%94%5C2023%5C%D0%94%D0%B8%D0%BF%D0%BB%D0%BE%D0%BC%D0%BD%D1%8B%D0%B5%20%D1%80%D0%B0%D0%B1%D0%BE%D1%82%D1%8B%5C%D0%98%D0%9D%D0%A4%D0%9E%D0%A0%D0%9C%D0%90%D0%A6%D0%98%D0%9E%D0%9D%D0%9D%D0%AB%D0%95%20%D0%A1%D0%98%D0%A1%D0%A2%D0%95%D0%9C%D0%AB%5C%D0%94%D1%80_%D0%9E%D0%BC%D1%81%D0%BA%20%D0%A0%D0%B0%D0%B7%D1%80%D0%B0%D0%B1%D0%BE%D1%82%D0%BA%D0%B0%20%D0%B0%D0%B2%D1%82%D0%BE%D0%BC%D0%B0%D1%82%D0%B8%D0%B7%D0%B8%D1%80%D0%BE%D0%B2%D0%B0%D0%BD%D0%BD%D0%BE%D0%B3%D0%BE%20%D1%80%D0%B0%D0%B1%D0%BE%D1%87%D0%B5%D0%B3%D0%BE%20%D0%BC%D0%B5%D1%81%D1%82%D0%B0%20%D1%81%D0%BF%D0%B5%D1%86%D0%B8%D0%B0%D0%BB%D0%B8%D1%81%D1%82%D0%B0%20%D0%B4%D0%BB%D1%8F%20%D0%BE%D1%80%D0%B3%D0%B0%D0%BD%D0%B8%D0%B7%D0%B0%D1%86%D0%B8%D0%B8%20%28%D0%BD%D0%B0%20%D0%BF%D1%80%D0%B8%D0%BC%D0%B5%D1%80%D0%B5%20Factum%20Agency%29%5C%D0%92%D0%9A%D0%A0%20%D0%A0%D0%B0%D0%B7%D1%80%D0%B0%D0%B1%D0%BE%D1%82%D0%BA%D0%B0%20%D0%90%D0%A0%D0%9C%20%D1%81%D0%BF%D0%B5%D1%86%D0%B8%D0%B0%D0%BB%D0%B8%D1%81%D1%82%D0%B0%20%D0%B4%D0%BB%D1%8F%20%D0%BE%D1%80%D0%B3%D0%B0%D0%BD%D0%B8%D0%B7%D0%B0%D1%86%D0%B8%D0%B8%20%28%D0%BD%D0%B0%20%D0%BF%D1%80%D0%B8%D0%BC%D0%B5%D1%80%D0%B5%20Factum%20Agency%29.doc#_Toc126086182)

[2 Разработка автоматизированного рабочего места специалиста компании](file:///A%3A%5C%D0%A1%D0%B5%D0%B7%D0%BE%D0%BD%202020-2021%5C%D0%A1%D0%A6%D0%98%D0%94%5C2023%5C%D0%94%D0%B8%D0%BF%D0%BB%D0%BE%D0%BC%D0%BD%D1%8B%D0%B5%20%D1%80%D0%B0%D0%B1%D0%BE%D1%82%D1%8B%5C%D0%98%D0%9D%D0%A4%D0%9E%D0%A0%D0%9C%D0%90%D0%A6%D0%98%D0%9E%D0%9D%D0%9D%D0%AB%D0%95%20%D0%A1%D0%98%D0%A1%D0%A2%D0%95%D0%9C%D0%AB%5C%D0%94%D1%80_%D0%9E%D0%BC%D1%81%D0%BA%20%D0%A0%D0%B0%D0%B7%D1%80%D0%B0%D0%B1%D0%BE%D1%82%D0%BA%D0%B0%20%D0%B0%D0%B2%D1%82%D0%BE%D0%BC%D0%B0%D1%82%D0%B8%D0%B7%D0%B8%D1%80%D0%BE%D0%B2%D0%B0%D0%BD%D0%BD%D0%BE%D0%B3%D0%BE%20%D1%80%D0%B0%D0%B1%D0%BE%D1%87%D0%B5%D0%B3%D0%BE%20%D0%BC%D0%B5%D1%81%D1%82%D0%B0%20%D1%81%D0%BF%D0%B5%D1%86%D0%B8%D0%B0%D0%BB%D0%B8%D1%81%D1%82%D0%B0%20%D0%B4%D0%BB%D1%8F%20%D0%BE%D1%80%D0%B3%D0%B0%D0%BD%D0%B8%D0%B7%D0%B0%D1%86%D0%B8%D0%B8%20%28%D0%BD%D0%B0%20%D0%BF%D1%80%D0%B8%D0%BC%D0%B5%D1%80%D0%B5%20Factum%20Agency%29%5C%D0%92%D0%9A%D0%A0%20%D0%A0%D0%B0%D0%B7%D1%80%D0%B0%D0%B1%D0%BE%D1%82%D0%BA%D0%B0%20%D0%90%D0%A0%D0%9C%20%D1%81%D0%BF%D0%B5%D1%86%D0%B8%D0%B0%D0%BB%D0%B8%D1%81%D1%82%D0%B0%20%D0%B4%D0%BB%D1%8F%20%D0%BE%D1%80%D0%B3%D0%B0%D0%BD%D0%B8%D0%B7%D0%B0%D1%86%D0%B8%D0%B8%20%28%D0%BD%D0%B0%20%D0%BF%D1%80%D0%B8%D0%BC%D0%B5%D1%80%D0%B5%20Factum%20Agency%29.doc#_Toc126086183)

[2.1 Информационное обеспечение задачи](file:///A%3A%5C%D0%A1%D0%B5%D0%B7%D0%BE%D0%BD%202020-2021%5C%D0%A1%D0%A6%D0%98%D0%94%5C2023%5C%D0%94%D0%B8%D0%BF%D0%BB%D0%BE%D0%BC%D0%BD%D1%8B%D0%B5%20%D1%80%D0%B0%D0%B1%D0%BE%D1%82%D1%8B%5C%D0%98%D0%9D%D0%A4%D0%9E%D0%A0%D0%9C%D0%90%D0%A6%D0%98%D0%9E%D0%9D%D0%9D%D0%AB%D0%95%20%D0%A1%D0%98%D0%A1%D0%A2%D0%95%D0%9C%D0%AB%5C%D0%94%D1%80_%D0%9E%D0%BC%D1%81%D0%BA%20%D0%A0%D0%B0%D0%B7%D1%80%D0%B0%D0%B1%D0%BE%D1%82%D0%BA%D0%B0%20%D0%B0%D0%B2%D1%82%D0%BE%D0%BC%D0%B0%D1%82%D0%B8%D0%B7%D0%B8%D1%80%D0%BE%D0%B2%D0%B0%D0%BD%D0%BD%D0%BE%D0%B3%D0%BE%20%D1%80%D0%B0%D0%B1%D0%BE%D1%87%D0%B5%D0%B3%D0%BE%20%D0%BC%D0%B5%D1%81%D1%82%D0%B0%20%D1%81%D0%BF%D0%B5%D1%86%D0%B8%D0%B0%D0%BB%D0%B8%D1%81%D1%82%D0%B0%20%D0%B4%D0%BB%D1%8F%20%D0%BE%D1%80%D0%B3%D0%B0%D0%BD%D0%B8%D0%B7%D0%B0%D1%86%D0%B8%D0%B8%20%28%D0%BD%D0%B0%20%D0%BF%D1%80%D0%B8%D0%BC%D0%B5%D1%80%D0%B5%20Factum%20Agency%29%5C%D0%92%D0%9A%D0%A0%20%D0%A0%D0%B0%D0%B7%D1%80%D0%B0%D0%B1%D0%BE%D1%82%D0%BA%D0%B0%20%D0%90%D0%A0%D0%9C%20%D1%81%D0%BF%D0%B5%D1%86%D0%B8%D0%B0%D0%BB%D0%B8%D1%81%D1%82%D0%B0%20%D0%B4%D0%BB%D1%8F%20%D0%BE%D1%80%D0%B3%D0%B0%D0%BD%D0%B8%D0%B7%D0%B0%D1%86%D0%B8%D0%B8%20%28%D0%BD%D0%B0%20%D0%BF%D1%80%D0%B8%D0%BC%D0%B5%D1%80%D0%B5%20Factum%20Agency%29.doc#_Toc126086184)

[2.2 Программное обеспечение задачи](file:///A%3A%5C%D0%A1%D0%B5%D0%B7%D0%BE%D0%BD%202020-2021%5C%D0%A1%D0%A6%D0%98%D0%94%5C2023%5C%D0%94%D0%B8%D0%BF%D0%BB%D0%BE%D0%BC%D0%BD%D1%8B%D0%B5%20%D1%80%D0%B0%D0%B1%D0%BE%D1%82%D1%8B%5C%D0%98%D0%9D%D0%A4%D0%9E%D0%A0%D0%9C%D0%90%D0%A6%D0%98%D0%9E%D0%9D%D0%9D%D0%AB%D0%95%20%D0%A1%D0%98%D0%A1%D0%A2%D0%95%D0%9C%D0%AB%5C%D0%94%D1%80_%D0%9E%D0%BC%D1%81%D0%BA%20%D0%A0%D0%B0%D0%B7%D1%80%D0%B0%D0%B1%D0%BE%D1%82%D0%BA%D0%B0%20%D0%B0%D0%B2%D1%82%D0%BE%D0%BC%D0%B0%D1%82%D0%B8%D0%B7%D0%B8%D1%80%D0%BE%D0%B2%D0%B0%D0%BD%D0%BD%D0%BE%D0%B3%D0%BE%20%D1%80%D0%B0%D0%B1%D0%BE%D1%87%D0%B5%D0%B3%D0%BE%20%D0%BC%D0%B5%D1%81%D1%82%D0%B0%20%D1%81%D0%BF%D0%B5%D1%86%D0%B8%D0%B0%D0%BB%D0%B8%D1%81%D1%82%D0%B0%20%D0%B4%D0%BB%D1%8F%20%D0%BE%D1%80%D0%B3%D0%B0%D0%BD%D0%B8%D0%B7%D0%B0%D1%86%D0%B8%D0%B8%20%28%D0%BD%D0%B0%20%D0%BF%D1%80%D0%B8%D0%BC%D0%B5%D1%80%D0%B5%20Factum%20Agency%29%5C%D0%92%D0%9A%D0%A0%20%D0%A0%D0%B0%D0%B7%D1%80%D0%B0%D0%B1%D0%BE%D1%82%D0%BA%D0%B0%20%D0%90%D0%A0%D0%9C%20%D1%81%D0%BF%D0%B5%D1%86%D0%B8%D0%B0%D0%BB%D0%B8%D1%81%D1%82%D0%B0%20%D0%B4%D0%BB%D1%8F%20%D0%BE%D1%80%D0%B3%D0%B0%D0%BD%D0%B8%D0%B7%D0%B0%D1%86%D0%B8%D0%B8%20%28%D0%BD%D0%B0%20%D0%BF%D1%80%D0%B8%D0%BC%D0%B5%D1%80%D0%B5%20Factum%20Agency%29.doc#_Toc126086185)

[2.3 Техническое обеспечение задачи](file:///A%3A%5C%D0%A1%D0%B5%D0%B7%D0%BE%D0%BD%202020-2021%5C%D0%A1%D0%A6%D0%98%D0%94%5C2023%5C%D0%94%D0%B8%D0%BF%D0%BB%D0%BE%D0%BC%D0%BD%D1%8B%D0%B5%20%D1%80%D0%B0%D0%B1%D0%BE%D1%82%D1%8B%5C%D0%98%D0%9D%D0%A4%D0%9E%D0%A0%D0%9C%D0%90%D0%A6%D0%98%D0%9E%D0%9D%D0%9D%D0%AB%D0%95%20%D0%A1%D0%98%D0%A1%D0%A2%D0%95%D0%9C%D0%AB%5C%D0%94%D1%80_%D0%9E%D0%BC%D1%81%D0%BA%20%D0%A0%D0%B0%D0%B7%D1%80%D0%B0%D0%B1%D0%BE%D1%82%D0%BA%D0%B0%20%D0%B0%D0%B2%D1%82%D0%BE%D0%BC%D0%B0%D1%82%D0%B8%D0%B7%D0%B8%D1%80%D0%BE%D0%B2%D0%B0%D0%BD%D0%BD%D0%BE%D0%B3%D0%BE%20%D1%80%D0%B0%D0%B1%D0%BE%D1%87%D0%B5%D0%B3%D0%BE%20%D0%BC%D0%B5%D1%81%D1%82%D0%B0%20%D1%81%D0%BF%D0%B5%D1%86%D0%B8%D0%B0%D0%BB%D0%B8%D1%81%D1%82%D0%B0%20%D0%B4%D0%BB%D1%8F%20%D0%BE%D1%80%D0%B3%D0%B0%D0%BD%D0%B8%D0%B7%D0%B0%D1%86%D0%B8%D0%B8%20%28%D0%BD%D0%B0%20%D0%BF%D1%80%D0%B8%D0%BC%D0%B5%D1%80%D0%B5%20Factum%20Agency%29%5C%D0%92%D0%9A%D0%A0%20%D0%A0%D0%B0%D0%B7%D1%80%D0%B0%D0%B1%D0%BE%D1%82%D0%BA%D0%B0%20%D0%90%D0%A0%D0%9C%20%D1%81%D0%BF%D0%B5%D1%86%D0%B8%D0%B0%D0%BB%D0%B8%D1%81%D1%82%D0%B0%20%D0%B4%D0%BB%D1%8F%20%D0%BE%D1%80%D0%B3%D0%B0%D0%BD%D0%B8%D0%B7%D0%B0%D1%86%D0%B8%D0%B8%20%28%D0%BD%D0%B0%20%D0%BF%D1%80%D0%B8%D0%BC%D0%B5%D1%80%D0%B5%20Factum%20Agency%29.doc#_Toc126086186)

[2.4 Методические указания к использованию программного продукта](file:///A%3A%5C%D0%A1%D0%B5%D0%B7%D0%BE%D0%BD%202020-2021%5C%D0%A1%D0%A6%D0%98%D0%94%5C2023%5C%D0%94%D0%B8%D0%BF%D0%BB%D0%BE%D0%BC%D0%BD%D1%8B%D0%B5%20%D1%80%D0%B0%D0%B1%D0%BE%D1%82%D1%8B%5C%D0%98%D0%9D%D0%A4%D0%9E%D0%A0%D0%9C%D0%90%D0%A6%D0%98%D0%9E%D0%9D%D0%9D%D0%AB%D0%95%20%D0%A1%D0%98%D0%A1%D0%A2%D0%95%D0%9C%D0%AB%5C%D0%94%D1%80_%D0%9E%D0%BC%D1%81%D0%BA%20%D0%A0%D0%B0%D0%B7%D1%80%D0%B0%D0%B1%D0%BE%D1%82%D0%BA%D0%B0%20%D0%B0%D0%B2%D1%82%D0%BE%D0%BC%D0%B0%D1%82%D0%B8%D0%B7%D0%B8%D1%80%D0%BE%D0%B2%D0%B0%D0%BD%D0%BD%D0%BE%D0%B3%D0%BE%20%D1%80%D0%B0%D0%B1%D0%BE%D1%87%D0%B5%D0%B3%D0%BE%20%D0%BC%D0%B5%D1%81%D1%82%D0%B0%20%D1%81%D0%BF%D0%B5%D1%86%D0%B8%D0%B0%D0%BB%D0%B8%D1%81%D1%82%D0%B0%20%D0%B4%D0%BB%D1%8F%20%D0%BE%D1%80%D0%B3%D0%B0%D0%BD%D0%B8%D0%B7%D0%B0%D1%86%D0%B8%D0%B8%20%28%D0%BD%D0%B0%20%D0%BF%D1%80%D0%B8%D0%BC%D0%B5%D1%80%D0%B5%20Factum%20Agency%29%5C%D0%92%D0%9A%D0%A0%20%D0%A0%D0%B0%D0%B7%D1%80%D0%B0%D0%B1%D0%BE%D1%82%D0%BA%D0%B0%20%D0%90%D0%A0%D0%9C%20%D1%81%D0%BF%D0%B5%D1%86%D0%B8%D0%B0%D0%BB%D0%B8%D1%81%D1%82%D0%B0%20%D0%B4%D0%BB%D1%8F%20%D0%BE%D1%80%D0%B3%D0%B0%D0%BD%D0%B8%D0%B7%D0%B0%D1%86%D0%B8%D0%B8%20%28%D0%BD%D0%B0%20%D0%BF%D1%80%D0%B8%D0%BC%D0%B5%D1%80%D0%B5%20Factum%20Agency%29.doc#_Toc126086187)

[3. Обоснование экономической эффективности проекта](file:///A%3A%5C%D0%A1%D0%B5%D0%B7%D0%BE%D0%BD%202020-2021%5C%D0%A1%D0%A6%D0%98%D0%94%5C2023%5C%D0%94%D0%B8%D0%BF%D0%BB%D0%BE%D0%BC%D0%BD%D1%8B%D0%B5%20%D1%80%D0%B0%D0%B1%D0%BE%D1%82%D1%8B%5C%D0%98%D0%9D%D0%A4%D0%9E%D0%A0%D0%9C%D0%90%D0%A6%D0%98%D0%9E%D0%9D%D0%9D%D0%AB%D0%95%20%D0%A1%D0%98%D0%A1%D0%A2%D0%95%D0%9C%D0%AB%5C%D0%94%D1%80_%D0%9E%D0%BC%D1%81%D0%BA%20%D0%A0%D0%B0%D0%B7%D1%80%D0%B0%D0%B1%D0%BE%D1%82%D0%BA%D0%B0%20%D0%B0%D0%B2%D1%82%D0%BE%D0%BC%D0%B0%D1%82%D0%B8%D0%B7%D0%B8%D1%80%D0%BE%D0%B2%D0%B0%D0%BD%D0%BD%D0%BE%D0%B3%D0%BE%20%D1%80%D0%B0%D0%B1%D0%BE%D1%87%D0%B5%D0%B3%D0%BE%20%D0%BC%D0%B5%D1%81%D1%82%D0%B0%20%D1%81%D0%BF%D0%B5%D1%86%D0%B8%D0%B0%D0%BB%D0%B8%D1%81%D1%82%D0%B0%20%D0%B4%D0%BB%D1%8F%20%D0%BE%D1%80%D0%B3%D0%B0%D0%BD%D0%B8%D0%B7%D0%B0%D1%86%D0%B8%D0%B8%20%28%D0%BD%D0%B0%20%D0%BF%D1%80%D0%B8%D0%BC%D0%B5%D1%80%D0%B5%20Factum%20Agency%29%5C%D0%92%D0%9A%D0%A0%20%D0%A0%D0%B0%D0%B7%D1%80%D0%B0%D0%B1%D0%BE%D1%82%D0%BA%D0%B0%20%D0%90%D0%A0%D0%9C%20%D1%81%D0%BF%D0%B5%D1%86%D0%B8%D0%B0%D0%BB%D0%B8%D1%81%D1%82%D0%B0%20%D0%B4%D0%BB%D1%8F%20%D0%BE%D1%80%D0%B3%D0%B0%D0%BD%D0%B8%D0%B7%D0%B0%D1%86%D0%B8%D0%B8%20%28%D0%BD%D0%B0%20%D0%BF%D1%80%D0%B8%D0%BC%D0%B5%D1%80%D0%B5%20Factum%20Agency%29.doc#_Toc126086188)

[3.1. Выбор и обоснование методики расчета экономической эффективности проекта](file:///A%3A%5C%D0%A1%D0%B5%D0%B7%D0%BE%D0%BD%202020-2021%5C%D0%A1%D0%A6%D0%98%D0%94%5C2023%5C%D0%94%D0%B8%D0%BF%D0%BB%D0%BE%D0%BC%D0%BD%D1%8B%D0%B5%20%D1%80%D0%B0%D0%B1%D0%BE%D1%82%D1%8B%5C%D0%98%D0%9D%D0%A4%D0%9E%D0%A0%D0%9C%D0%90%D0%A6%D0%98%D0%9E%D0%9D%D0%9D%D0%AB%D0%95%20%D0%A1%D0%98%D0%A1%D0%A2%D0%95%D0%9C%D0%AB%5C%D0%94%D1%80_%D0%9E%D0%BC%D1%81%D0%BA%20%D0%A0%D0%B0%D0%B7%D1%80%D0%B0%D0%B1%D0%BE%D1%82%D0%BA%D0%B0%20%D0%B0%D0%B2%D1%82%D0%BE%D0%BC%D0%B0%D1%82%D0%B8%D0%B7%D0%B8%D1%80%D0%BE%D0%B2%D0%B0%D0%BD%D0%BD%D0%BE%D0%B3%D0%BE%20%D1%80%D0%B0%D0%B1%D0%BE%D1%87%D0%B5%D0%B3%D0%BE%20%D0%BC%D0%B5%D1%81%D1%82%D0%B0%20%D1%81%D0%BF%D0%B5%D1%86%D0%B8%D0%B0%D0%BB%D0%B8%D1%81%D1%82%D0%B0%20%D0%B4%D0%BB%D1%8F%20%D0%BE%D1%80%D0%B3%D0%B0%D0%BD%D0%B8%D0%B7%D0%B0%D1%86%D0%B8%D0%B8%20%28%D0%BD%D0%B0%20%D0%BF%D1%80%D0%B8%D0%BC%D0%B5%D1%80%D0%B5%20Factum%20Agency%29%5C%D0%92%D0%9A%D0%A0%20%D0%A0%D0%B0%D0%B7%D1%80%D0%B0%D0%B1%D0%BE%D1%82%D0%BA%D0%B0%20%D0%90%D0%A0%D0%9C%20%D1%81%D0%BF%D0%B5%D1%86%D0%B8%D0%B0%D0%BB%D0%B8%D1%81%D1%82%D0%B0%20%D0%B4%D0%BB%D1%8F%20%D0%BE%D1%80%D0%B3%D0%B0%D0%BD%D0%B8%D0%B7%D0%B0%D1%86%D0%B8%D0%B8%20%28%D0%BD%D0%B0%20%D0%BF%D1%80%D0%B8%D0%BC%D0%B5%D1%80%D0%B5%20Factum%20Agency%29.doc#_Toc126086189)

[3.2 Расчет показателей экономической эффективности проекта](file:///A%3A%5C%D0%A1%D0%B5%D0%B7%D0%BE%D0%BD%202020-2021%5C%D0%A1%D0%A6%D0%98%D0%94%5C2023%5C%D0%94%D0%B8%D0%BF%D0%BB%D0%BE%D0%BC%D0%BD%D1%8B%D0%B5%20%D1%80%D0%B0%D0%B1%D0%BE%D1%82%D1%8B%5C%D0%98%D0%9D%D0%A4%D0%9E%D0%A0%D0%9C%D0%90%D0%A6%D0%98%D0%9E%D0%9D%D0%9D%D0%AB%D0%95%20%D0%A1%D0%98%D0%A1%D0%A2%D0%95%D0%9C%D0%AB%5C%D0%94%D1%80_%D0%9E%D0%BC%D1%81%D0%BA%20%D0%A0%D0%B0%D0%B7%D1%80%D0%B0%D0%B1%D0%BE%D1%82%D0%BA%D0%B0%20%D0%B0%D0%B2%D1%82%D0%BE%D0%BC%D0%B0%D1%82%D0%B8%D0%B7%D0%B8%D1%80%D0%BE%D0%B2%D0%B0%D0%BD%D0%BD%D0%BE%D0%B3%D0%BE%20%D1%80%D0%B0%D0%B1%D0%BE%D1%87%D0%B5%D0%B3%D0%BE%20%D0%BC%D0%B5%D1%81%D1%82%D0%B0%20%D1%81%D0%BF%D0%B5%D1%86%D0%B8%D0%B0%D0%BB%D0%B8%D1%81%D1%82%D0%B0%20%D0%B4%D0%BB%D1%8F%20%D0%BE%D1%80%D0%B3%D0%B0%D0%BD%D0%B8%D0%B7%D0%B0%D1%86%D0%B8%D0%B8%20%28%D0%BD%D0%B0%20%D0%BF%D1%80%D0%B8%D0%BC%D0%B5%D1%80%D0%B5%20Factum%20Agency%29%5C%D0%92%D0%9A%D0%A0%20%D0%A0%D0%B0%D0%B7%D1%80%D0%B0%D0%B1%D0%BE%D1%82%D0%BA%D0%B0%20%D0%90%D0%A0%D0%9C%20%D1%81%D0%BF%D0%B5%D1%86%D0%B8%D0%B0%D0%BB%D0%B8%D1%81%D1%82%D0%B0%20%D0%B4%D0%BB%D1%8F%20%D0%BE%D1%80%D0%B3%D0%B0%D0%BD%D0%B8%D0%B7%D0%B0%D1%86%D0%B8%D0%B8%20%28%D0%BD%D0%B0%20%D0%BF%D1%80%D0%B8%D0%BC%D0%B5%D1%80%D0%B5%20Factum%20Agency%29.doc#_Toc126086190)

[4 Информационная безопасность и защита информации](file:///A%3A%5C%D0%A1%D0%B5%D0%B7%D0%BE%D0%BD%202020-2021%5C%D0%A1%D0%A6%D0%98%D0%94%5C2023%5C%D0%94%D0%B8%D0%BF%D0%BB%D0%BE%D0%BC%D0%BD%D1%8B%D0%B5%20%D1%80%D0%B0%D0%B1%D0%BE%D1%82%D1%8B%5C%D0%98%D0%9D%D0%A4%D0%9E%D0%A0%D0%9C%D0%90%D0%A6%D0%98%D0%9E%D0%9D%D0%9D%D0%AB%D0%95%20%D0%A1%D0%98%D0%A1%D0%A2%D0%95%D0%9C%D0%AB%5C%D0%94%D1%80_%D0%9E%D0%BC%D1%81%D0%BA%20%D0%A0%D0%B0%D0%B7%D1%80%D0%B0%D0%B1%D0%BE%D1%82%D0%BA%D0%B0%20%D0%B0%D0%B2%D1%82%D0%BE%D0%BC%D0%B0%D1%82%D0%B8%D0%B7%D0%B8%D1%80%D0%BE%D0%B2%D0%B0%D0%BD%D0%BD%D0%BE%D0%B3%D0%BE%20%D1%80%D0%B0%D0%B1%D0%BE%D1%87%D0%B5%D0%B3%D0%BE%20%D0%BC%D0%B5%D1%81%D1%82%D0%B0%20%D1%81%D0%BF%D0%B5%D1%86%D0%B8%D0%B0%D0%BB%D0%B8%D1%81%D1%82%D0%B0%20%D0%B4%D0%BB%D1%8F%20%D0%BE%D1%80%D0%B3%D0%B0%D0%BD%D0%B8%D0%B7%D0%B0%D1%86%D0%B8%D0%B8%20%28%D0%BD%D0%B0%20%D0%BF%D1%80%D0%B8%D0%BC%D0%B5%D1%80%D0%B5%20Factum%20Agency%29%5C%D0%92%D0%9A%D0%A0%20%D0%A0%D0%B0%D0%B7%D1%80%D0%B0%D0%B1%D0%BE%D1%82%D0%BA%D0%B0%20%D0%90%D0%A0%D0%9C%20%D1%81%D0%BF%D0%B5%D1%86%D0%B8%D0%B0%D0%BB%D0%B8%D1%81%D1%82%D0%B0%20%D0%B4%D0%BB%D1%8F%20%D0%BE%D1%80%D0%B3%D0%B0%D0%BD%D0%B8%D0%B7%D0%B0%D1%86%D0%B8%D0%B8%20%28%D0%BD%D0%B0%20%D0%BF%D1%80%D0%B8%D0%BC%D0%B5%D1%80%D0%B5%20Factum%20Agency%29.doc#_Toc126086191)

[Заключение](file:///A%3A%5C%D0%A1%D0%B5%D0%B7%D0%BE%D0%BD%202020-2021%5C%D0%A1%D0%A6%D0%98%D0%94%5C2023%5C%D0%94%D0%B8%D0%BF%D0%BB%D0%BE%D0%BC%D0%BD%D1%8B%D0%B5%20%D1%80%D0%B0%D0%B1%D0%BE%D1%82%D1%8B%5C%D0%98%D0%9D%D0%A4%D0%9E%D0%A0%D0%9C%D0%90%D0%A6%D0%98%D0%9E%D0%9D%D0%9D%D0%AB%D0%95%20%D0%A1%D0%98%D0%A1%D0%A2%D0%95%D0%9C%D0%AB%5C%D0%94%D1%80_%D0%9E%D0%BC%D1%81%D0%BA%20%D0%A0%D0%B0%D0%B7%D1%80%D0%B0%D0%B1%D0%BE%D1%82%D0%BA%D0%B0%20%D0%B0%D0%B2%D1%82%D0%BE%D0%BC%D0%B0%D1%82%D0%B8%D0%B7%D0%B8%D1%80%D0%BE%D0%B2%D0%B0%D0%BD%D0%BD%D0%BE%D0%B3%D0%BE%20%D1%80%D0%B0%D0%B1%D0%BE%D1%87%D0%B5%D0%B3%D0%BE%20%D0%BC%D0%B5%D1%81%D1%82%D0%B0%20%D1%81%D0%BF%D0%B5%D1%86%D0%B8%D0%B0%D0%BB%D0%B8%D1%81%D1%82%D0%B0%20%D0%B4%D0%BB%D1%8F%20%D0%BE%D1%80%D0%B3%D0%B0%D0%BD%D0%B8%D0%B7%D0%B0%D1%86%D0%B8%D0%B8%20%28%D0%BD%D0%B0%20%D0%BF%D1%80%D0%B8%D0%BC%D0%B5%D1%80%D0%B5%20Factum%20Agency%29%5C%D0%92%D0%9A%D0%A0%20%D0%A0%D0%B0%D0%B7%D1%80%D0%B0%D0%B1%D0%BE%D1%82%D0%BA%D0%B0%20%D0%90%D0%A0%D0%9C%20%D1%81%D0%BF%D0%B5%D1%86%D0%B8%D0%B0%D0%BB%D0%B8%D1%81%D1%82%D0%B0%20%D0%B4%D0%BB%D1%8F%20%D0%BE%D1%80%D0%B3%D0%B0%D0%BD%D0%B8%D0%B7%D0%B0%D1%86%D0%B8%D0%B8%20%28%D0%BD%D0%B0%20%D0%BF%D1%80%D0%B8%D0%BC%D0%B5%D1%80%D0%B5%20Factum%20Agency%29.doc#_Toc126086192)

[Список литературы](file:///A%3A%5C%D0%A1%D0%B5%D0%B7%D0%BE%D0%BD%202020-2021%5C%D0%A1%D0%A6%D0%98%D0%94%5C2023%5C%D0%94%D0%B8%D0%BF%D0%BB%D0%BE%D0%BC%D0%BD%D1%8B%D0%B5%20%D1%80%D0%B0%D0%B1%D0%BE%D1%82%D1%8B%5C%D0%98%D0%9D%D0%A4%D0%9E%D0%A0%D0%9C%D0%90%D0%A6%D0%98%D0%9E%D0%9D%D0%9D%D0%AB%D0%95%20%D0%A1%D0%98%D0%A1%D0%A2%D0%95%D0%9C%D0%AB%5C%D0%94%D1%80_%D0%9E%D0%BC%D1%81%D0%BA%20%D0%A0%D0%B0%D0%B7%D1%80%D0%B0%D0%B1%D0%BE%D1%82%D0%BA%D0%B0%20%D0%B0%D0%B2%D1%82%D0%BE%D0%BC%D0%B0%D1%82%D0%B8%D0%B7%D0%B8%D1%80%D0%BE%D0%B2%D0%B0%D0%BD%D0%BD%D0%BE%D0%B3%D0%BE%20%D1%80%D0%B0%D0%B1%D0%BE%D1%87%D0%B5%D0%B3%D0%BE%20%D0%BC%D0%B5%D1%81%D1%82%D0%B0%20%D1%81%D0%BF%D0%B5%D1%86%D0%B8%D0%B0%D0%BB%D0%B8%D1%81%D1%82%D0%B0%20%D0%B4%D0%BB%D1%8F%20%D0%BE%D1%80%D0%B3%D0%B0%D0%BD%D0%B8%D0%B7%D0%B0%D1%86%D0%B8%D0%B8%20%28%D0%BD%D0%B0%20%D0%BF%D1%80%D0%B8%D0%BC%D0%B5%D1%80%D0%B5%20Factum%20Agency%29%5C%D0%92%D0%9A%D0%A0%20%D0%A0%D0%B0%D0%B7%D1%80%D0%B0%D0%B1%D0%BE%D1%82%D0%BA%D0%B0%20%D0%90%D0%A0%D0%9C%20%D1%81%D0%BF%D0%B5%D1%86%D0%B8%D0%B0%D0%BB%D0%B8%D1%81%D1%82%D0%B0%20%D0%B4%D0%BB%D1%8F%20%D0%BE%D1%80%D0%B3%D0%B0%D0%BD%D0%B8%D0%B7%D0%B0%D1%86%D0%B8%D0%B8%20%28%D0%BD%D0%B0%20%D0%BF%D1%80%D0%B8%D0%BC%D0%B5%D1%80%D0%B5%20Factum%20Agency%29.doc#_Toc126086193)

# Заключение

Сегодня деятельность любого предприятия невозможно представить без применения информационных технологий. Большинство компаний используются информационные технологии как инструмент для расширения своих рынков сбыта, повышения качества обслуживания клиентов и выстраивания отношений с партнерами. Этот подход дает возможность получить преимущество над конкурентами, тем самым увеличить прибыль либо долю на рынке. Рано или поздно любое предприятие задается вопросом об эффективности использования информационных технологий и пытается оценить уровень затрат, отдачу инвестиций и найти подходы к их эффективному управлению.

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